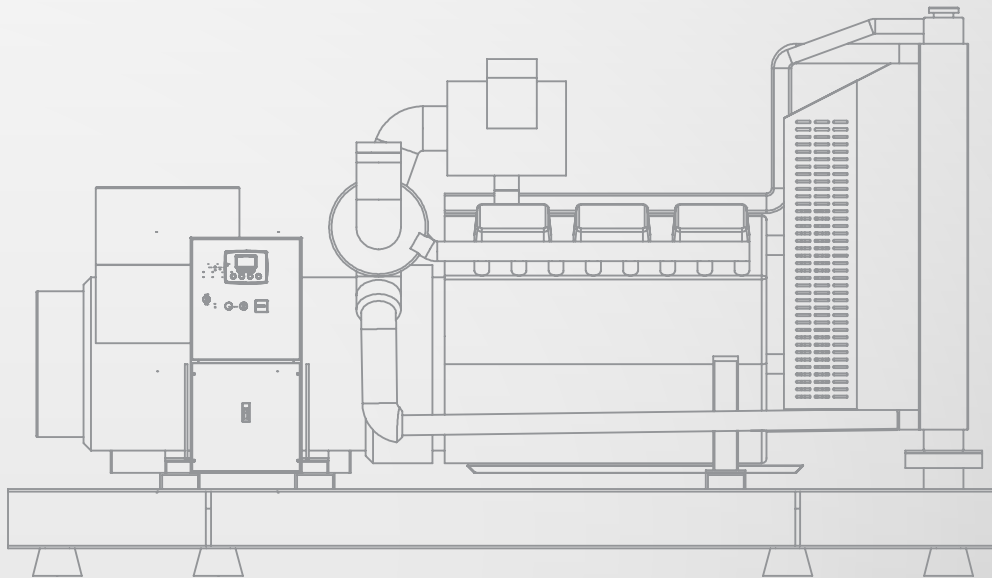




# GENERATOR SETS

## SALES OFFICE

Adress: Baqa Elgarbia 30100, box 602.

Tel: 052-5682797 / 052-2612016

Mail: [office@gpower.co.il](mailto:office@gpower.co.il) / [ahmad@gpower.co.il](mailto:ahmad@gpower.co.il)



# COMPANY PROFILE

G.POWER generator base in provides you excellent service by well experinced production ,service and sales teams.

In gensets G.POWER uses , Perkins, Volvo, Man, Ricardo engines and for the alternator G.POWER uses Maranello brand Alternators.

For Control Panel ; G.POWER uses DATAKOM standardly but according to customer request G.POWER can provide COMAP AND DEEPSEA.

All G.POWER products has 1 year international guarantee.



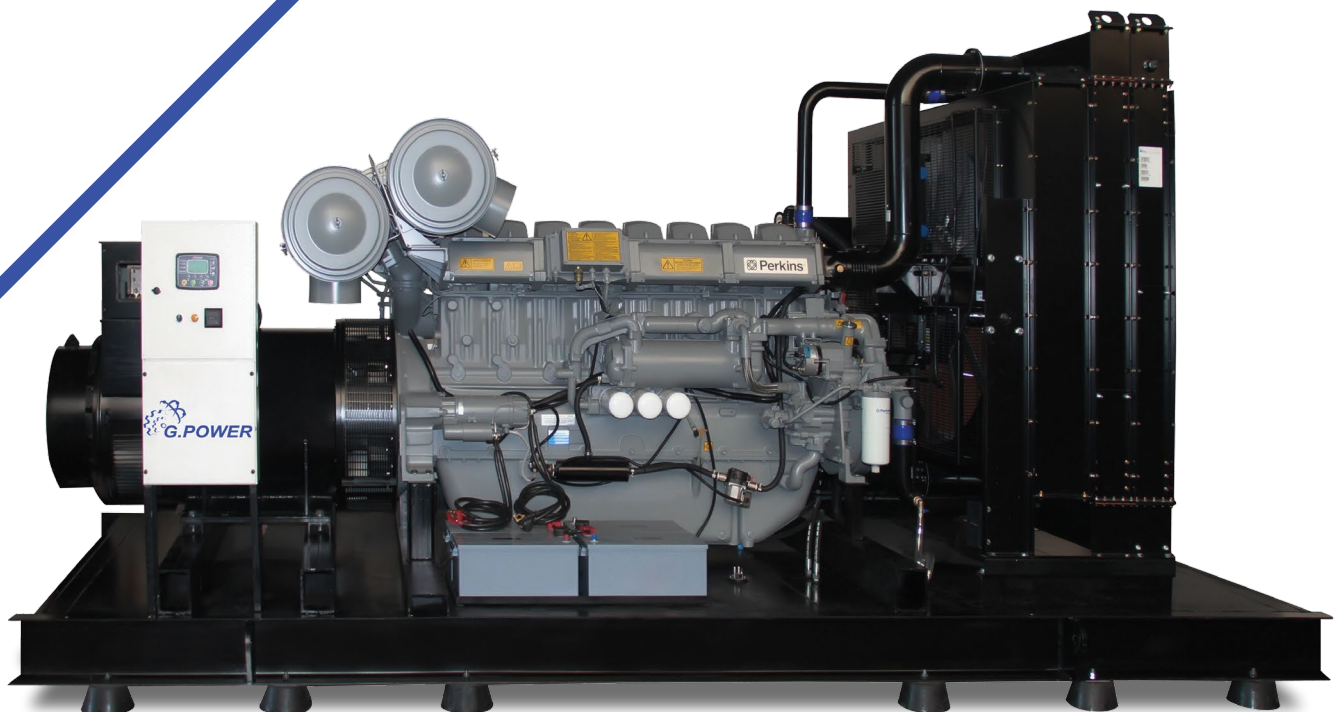
# DIESEL

# DIESEL

# GENERATOR



Relentless, powerfull, strong and ever-lasting are the attributes of G.POWER generating sets. Capable of power generation from 10 to 2500 kVA, these power units are manufactured with top quality components. They run extreme testing and inspection measures to assure adherence to industrial standards and customer satisfact.



# GPR MODELS

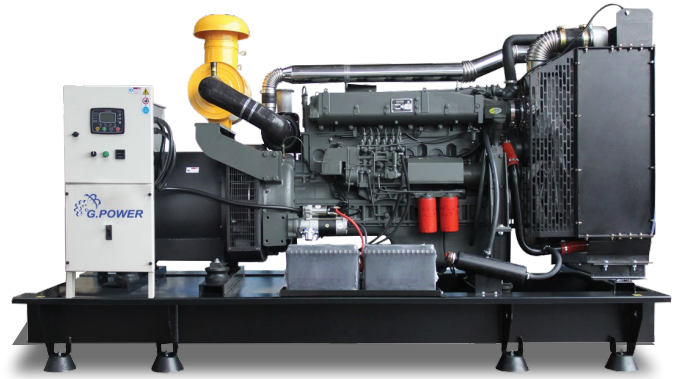


## Model Diesel RICARDO Engines

20 kVA ..... 400 kVA

## GPR Model Diesel Generator Technical Features -1

| MODEL         |                                      |          | GPR20            | GPR25     | GPR40     | GPR50     | GPR55     | GPR75      | GPR90         |                           |  |
|---------------|--------------------------------------|----------|------------------|-----------|-----------|-----------|-----------|------------|---------------|---------------------------|--|
| GROUP         | POWER<br>CosQ 0,8                    | STAND BY | kVA              | 20        | 25        | 40        | 50        | 55         | 75            | 90                        |  |
|               |                                      |          | kW               | 16        | 20        | 32        | 40        | 44         | 60            | 72                        |  |
|               |                                      | PRIME    | kVA              | 18        | 22        | 36        | 45        | 50         | 68            | 81                        |  |
|               |                                      |          | kW               | 14,4      | 17,6      | 28,8      | 36        | 40         | 54            | 64                        |  |
| DIESEL ENGINE | BRAND                                |          | RICARDO          |           |           |           |           |            |               |                           |  |
|               | MODEL                                |          | R485             | R490      | R4100D    | R4100ZD   | R4105D    | R4105ZD    | R4105ZLD      |                           |  |
|               | TYPE                                 |          | DIRECT INJECTION |           |           |           |           |            |               |                           |  |
|               | POWER, PRIME 1500 RPM                |          | kWm              | 15        | 21        | 30        | 42        | 42         | 56            | 66                        |  |
|               | CYLINDER VOLUME                      |          | Liter            | 2,156     | 2,545     | 3,93      | 3,93      | 4,33       | 4,33          | 4,5                       |  |
|               | NUMBER OF CYLINDER AND TYPE          |          | 4 ORDER          |           |           |           |           |            |               |                           |  |
|               | CYLINDER SEQUENCE                    |          | 1-3-4-2          | 1-3-4-2   | 1-3-4-2   | 1-3-4-2   | 1-3-4-2   | 1-3-4-2    | 1-3-4-2       |                           |  |
|               | ASPIRATION AND COOLING               |          | INTAKE NATURAL   |           |           |           |           |            | TURBO CHARGED | TURBO CHARGED AFTERCOOLER |  |
|               | ENGINE RPM                           |          | rpm              | 1500      |           |           |           |            |               |                           |  |
|               | BORE AND STROKE                      |          | mm x mm          | 80 x 95   | 95 x 100  | 100 x 125 | 100x125   | 105 x 125  | 105 x 125     | 105 x 130                 |  |
|               | GOVERNOR TYPE                        |          | MECHANIC         |           |           |           |           |            |               |                           |  |
|               | FUEL CONSUMPTION FULL LOAD           |          | g / kW x h       | 245       | 243       | 231       | 231       | 231        | 231           | 231                       |  |
|               | OIL CAPACITY                         |          | Liter            | 8         | 8         | 12        | 12        | 14         | 14            | 14                        |  |
|               | WATER CAPACITY (RADIATOR AND ENGINE) |          | Liter            | 16        | 16        | 18        | 18        | 21         | 21            | 24                        |  |
|               | EXHAUST GAS FLOW                     |          | m³ / min         | 6,5       | 6,5       | 6,5       | 9         | 9,5        | 11,5          | 14                        |  |
|               | INTAKE AIR FLOW                      |          | m³ / min         | 9         | 10        | 1,86      | 2,8       | 2,9        | 4,5           | 6,7                       |  |
| ALTERNATOR    | BRAND                                |          | MARANELLO        |           |           |           |           |            |               |                           |  |
|               | MODEL                                |          | M20              | M25       | M40       | M50       | M55       | M75        | M90           |                           |  |
|               | OUT VOLTAGE                          |          | V                | 230/400   |           |           |           |            |               |                           |  |
|               | FREQUENCY                            |          | Hz.              | 50        |           |           |           |            |               |                           |  |
|               | AUTOMATIC VOLTAGE REGULATION         |          | ± %              | % 0,5     |           |           |           |            |               |                           |  |
| DIMENSIONS    | LENGTH WITHOUT CANOPY (WITH CANOPY)  |          | cm.              | 140 (190) | 140 (190) | 170 (225) | 170(225)  | 170 (225)  | 170 (244)     | 190 (245)                 |  |
|               | WIDTH WITHOUT CANOPY (WITH CANOPY)   |          | cm.              | 65 (92)   | 65 (92)   | 95 (95)   | 95(95)    | 95 (95)    | 95 (95)       | 95 (95)                   |  |
|               | HEIGHT WITHOUT CANOPY (WITH CANOPY)  |          | cm.              | 130 (120) | 130 (120) | 145 (160) | 145(160)  | 145 (160)  | 145 (160)     | 150 (165)                 |  |
|               | UNIT WEIGHT (WITH CANOPY)            |          | kg.              | 580 (720) | 600 (750) | 650 (960) | 850(1230) | 850 (1230) | 950 (1290)    | 1120 (1390)               |  |
|               | FUEL TANK CAPACITY                   |          | liter            | 100       | 100       | 120       | 200       | 200        | 200           | 230                       |  |



## GPR Model Diesel Generator Technical Features - 2

| MODEL                                |                   |          |            | GPR110                     | GPR125      | GPR150      | GPR175      | GPR220      | GPR306      | GPR330      | GPR400      |
|--------------------------------------|-------------------|----------|------------|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| GROUP                                | POWER<br>Cosφ 0,8 | STAND BY | kVA        | 110                        | 125         | 150         | 175         | 220         | 306         | 330         | 400         |
|                                      |                   |          | kW         | 88                         | 100         | 120         | 140         | 176         | 245         | 264         | 320         |
|                                      |                   | PRIME    | kVA        | 100                        | 113         | 136         | 160         | 200         | 275         | 300         | 350         |
|                                      |                   |          | kW         | 80                         | 90          | 108         | 128         | 160         | 220         | 240         | 280         |
| BRAND                                |                   |          |            | RICARDO                    |             |             |             |             |             |             |             |
| MODEL                                |                   |          |            | R6105AZLD                  | R6105AZLD   | R6105AZLD   | R6105ZLD    | R6113AZLD   | R6126ZLD4   | R6126ZLD5   | R6D12D320A  |
| TYPE                                 |                   |          |            | DIRECT INJECTION           |             |             |             |             |             |             |             |
| POWER, PRIME 1500 RPM                |                   |          | kWm        | 121                        | 121         | 121         | 132         | 175         | 235         | 250         | 352         |
| CYLINDER VOLUME                      |                   |          | Liter      | 6,75                       | 6,75        | 6,75        | 7,01        | 7,52        | 9,7         | 9,7         | 9,7         |
| NUMBER OF CYLINDER AND TYPE          |                   |          |            | 6 ORDER                    |             |             |             |             |             |             |             |
| CYLINDER SEQUENCE                    |                   |          |            | 1-5-3-6-2-4                | 1-5-3-6-2-4 | 1-5-3-6-2-4 | 1-5-3-6-2-4 | 1-5-3-6-2-4 | 1-5-3-6-2-4 | 1-5-3-6-2-4 | 1-5-3-6-2-4 |
| ASPIRATION AND COOLING               |                   |          |            | TURBO CHARGED, AFTERCOOLER |             |             |             |             |             |             |             |
| ENGINE RPM                           |                   |          | rpm        | 1500                       |             |             |             |             |             |             |             |
| BORE AND STROKE                      |                   |          | mm x mm    | 105X130                    | 105 x 130   | 105 x 130   | 105 x 135   | 113 x 125   | 126 x 130   | 126 x 130   | 126 x 155   |
| GOVERNOR TYPE                        |                   |          |            | MECHANIC                   |             |             |             | ELECTRONIC  |             |             |             |
| FUEL CONSUMPTION FULL LOAD           |                   |          | g / kW x h | 218                        | 218         | 218         | 218         | 218         | 208         | 208         | 192         |
| OIL CAPACITY                         |                   |          | Liter      | 18                         | 18          | 18          | 19          | 22          | 19          | 19          | 38,6        |
| WATER CAPACITY (RADIATOR AND ENGINE) |                   |          | Liter      | 25                         | 27          | 27          | 27          | 35          | 50          | 50          | 66          |
| EXHAUST GAS FLOW                     |                   |          | m³ / min   | 27                         | 27          | 27          | 29          | 38          | 45          | 48          | 73,5        |
| INTAKE AIR FLOW                      |                   |          | m³ / min   | 10,5                       | 10,5        | 10,5        | 11,5        | 13          | 18          | 20          | 28,5        |
| BRAND                                |                   |          |            | MARANELLO                  |             |             |             |             |             |             |             |
| MODEL                                |                   |          |            | M110                       | M125        | M150        | M175        | M220        | M306        | M330        | M400        |
| OUT VOLTAGE                          |                   |          | V          | 230/400                    |             |             |             |             |             |             |             |
| FREQUENCY                            |                   |          | Hz         | 50                         |             |             |             |             |             |             |             |
| AUTOMATIC VOLTAGE REGULATION         |                   |          | ±%         | % 0,5                      |             |             |             |             |             |             |             |
| LENGTH WITHOUT CANOPY (WITH CANOPY)  |                   |          | cm.        | 220 (300)                  | 220 (300)   | 220 (300)   | 220 (300)   | 220 (300)   | 300 (380)   | 300 (380)   | 330 (448)   |
| WIDTH WITHOUT CANOPY (WITH CANOPY)   |                   |          | cm.        | 110 (110)                  | 110 (110)   | 110 (110)   | 110 (110)   | 110 (110)   | 135 (135)   | 135 (135)   | 135 (135)   |
| HEIGHT WITHOUT CANOPY (WITH CANOPY)  |                   |          | cm.        | 170 (175)                  | 170 (175)   | 170 (175)   | 170 (180)   | 170 (196)   | 180 (220)   | 180 (220)   | 190 (240)   |
| UNIT WEIGHT (WITH CANOPY)            |                   |          | kg.        | 1400 (1715)                | 1520 (2040) | 1450 (1780) | 1500 (1825) | 2290 (2940) | 2500 (2950) | 2600 (3050) | 3000(4050)  |
| FUEL TANK CAPACITY                   |                   |          | liter      | 300                        | 300         | 300         | 300         | 360         | 480         | 480         | 480         |

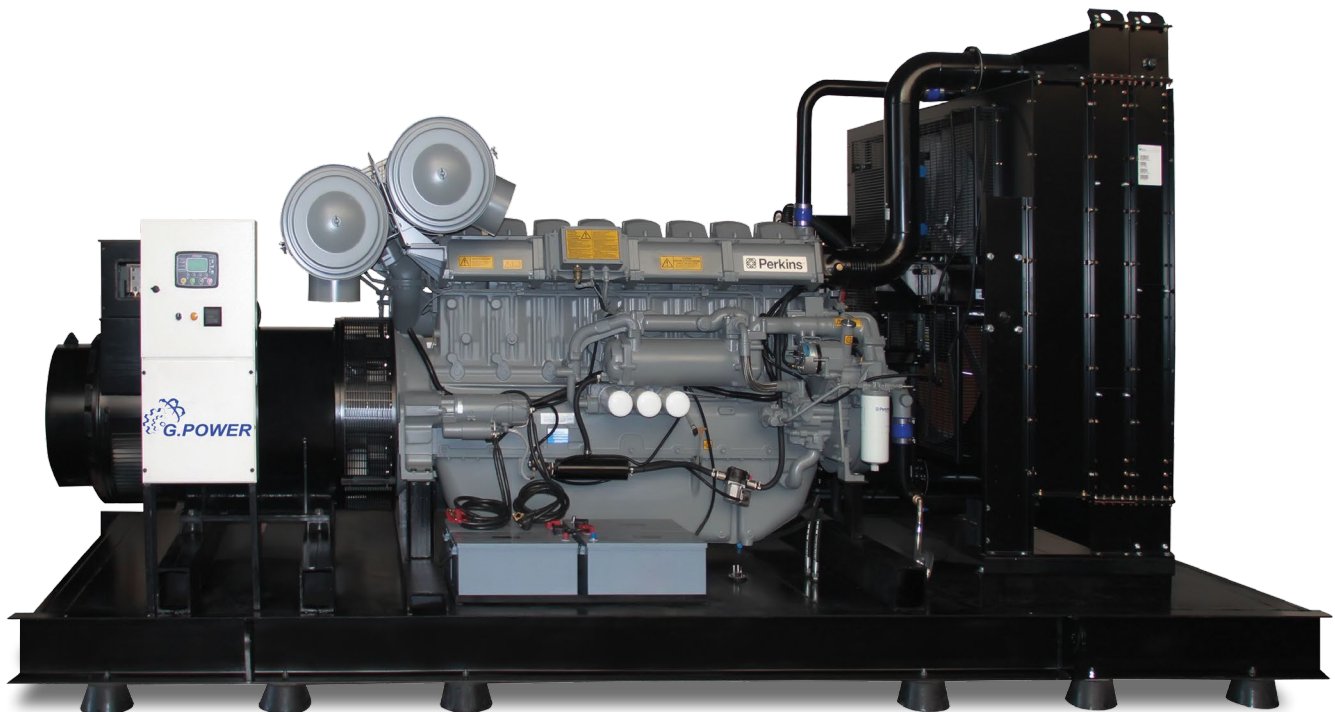
# GPP MODELS

## 15 kVA - 2500 kVA

- PERKINS Engine, Heavy - duty
- 4 stroke, water- cooled engine
- Mechanic/Electronic governor control system
- Direct injection fuel system
- Replaceable cylinder liner
- 12/24 Volt D.C.
- Replaceable oil filter, fuel filter and dry air filter
- Cooling radiator and fan
- Flexible fuel hoses and oil discharge valve
- Industrial muffler and flexible expansion compensator.
- Starter battery(lead acid) including wires and fixture
- jacket water heater (for - self - drive models)



 **Perkins**





## GPP Model Diesel Generator Technical Features- 1

| MODEL                        |                                  |                    | GPP10      | GPP15         | GPP22     | GPP33     | GPP50       | GPP66       | GPP72       | GPP88       | GPP110       | GPP150      | GPP165       | GPP200       |            |            |
|------------------------------|----------------------------------|--------------------|------------|---------------|-----------|-----------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|--------------|------------|------------|
| GROUP                        | POWER<br>CosQ 0.8                | STANDBY            | kVA        | 10            | 15        | 22        | 33          | 50          | 66          | 72          | 88           | 110         | 150          | 165          | 200        |            |
|                              |                                  |                    | KW         | 8             | 12        | 18        | 26          | 40          | 53          | 57          | 70           | 88          | 120          | 132          | 160        |            |
|                              |                                  | PRIME              | kVA        | 9             | 13        | 20        | 30          | 45          | 60          | 65          | 80           | 100         | 135          | 150          | 180        |            |
|                              |                                  |                    | kW         | 7             | 10        | 16        | 24          | 36          | 48          | 52          | 64           | 80          | 108          | 120          | 144        |            |
| BRAND                        |                                  |                    | PERKINS    |               |           |           |             |             |             |             |              |             |              |              |            |            |
| MODEL                        |                                  |                    | 403A-11G1  | 403A-15G1     | 404A-22G1 | 1103A-33G | 1103A-33TG1 | 1103A-33TG2 | 1104A-44TG1 | 1104A-44TG2 | 1104C-44TAG2 | 1106A-70TG1 | 1106A-70TAG2 | 1106A-70TAG3 |            |            |
| ENGINE SPEED                 |                                  |                    | Rpm        | 1500          |           |           |             |             |             |             |              |             |              |              |            |            |
| PRIME POWER                  |                                  |                    | KW         | 8,4           | 12        | 18,4      | 27,7        | 53,8        | 53,8        | 58,4        | 71,9         | 90,1        | 118,3        | 131          | 157,7      |            |
| STANDBY POWER                |                                  |                    | KW         | 9,2           | 13,2      | 20,3      | 30,4        | 59,3        | 59,3        | 64,3        | 79,1         | 99,5        | 131,4        | 144,1        | 175,2      |            |
| NUMBER OF CYLINDER AND ORDER |                                  |                    | 3 L        | 3 L           | 4 L       | 3 L       | 3 L         | 3 L         | 4 L         | 4 L         | 4 L          | 6 L         | 6 L          | 6 L          |            |            |
| SWITCHABLE                   |                                  |                    | N / Y      | N             | N         | N         | Y           | Y           | Y           | Y           | Y            | N           | N            | N            |            |            |
| DIESEL ENGINE                | INTAKE SYSTEM                    |                    |            | Natural       |           |           |             | Turbo       |             |             |              | Turbo ACC   | Turbo        | Turbo ACC    |            |            |
|                              | COOLING SYSTEM                   |                    |            | Water Cooling |           |           |             |             |             |             |              |             |              |              |            |            |
|                              | GOVERNOR                         |                    |            | Mechanic      |           |           |             |             |             |             |              | Electronic  | Mechanic     |              |            |            |
|                              | CYLINDER VOLUME                  |                    |            | Lt            | 1,131     | 1,496     | 2,216       | 3,3         | 3,3         | 3,3         | 4,4          | 4,4         | 4,41         | 7,01         | 7,01       | 7,01       |
|                              | CYLINDER BORExSTROKE             |                    |            | mmxnm         | 77x81     | 84x90     | 84x100      | 105x127     | 105x127     | 105x127     | 105x127      | 105x127     | 105x127      | 105x135      | 105x135    | 105x135    |
|                              | COMPRESSION RATIO                |                    |            | 23:1          | 22.5:1    | 23.3:1    | 19.25:1     | 17.25:1     | 17.25:1     | 17.25:1     | 17.25:1      | 18.2:1      | 18.2:1       | 16:1         | 16:1       |            |
|                              | VOLTAGE                          |                    |            | V             | 12        | 12        | 12          | 12          | 12          | 12          | 12           | 12          | 24           | 24           | 24         |            |
|                              | FUEL CONSUMPTION                 | STANDBY            | g/kWh-lt/h | 268/3,6       | 251/4,1   | 244/6,1   | 8,1         | 11,7        | 15,4        | 207/16,2    | 205/20,5     | 205/24,9    | 205,9/33,8   | 201,1/36,1   | 201,1/36,1 |            |
|                              |                                  | PRIME              | g/kWh-lt/h | 248/3,0       | 248/3,7   | 237/5,3   | 7,2         | 11,8        | 13,9        | 208/14,8    | 205/18,7     | 205/22,6    | 203/30,2     | 203,3/33,4   | 203,3/33,4 |            |
|                              |                                  | %75 OF PRIME POWER | g/kWh-lt/h | 257/2,3       | 252/2,8   | 238/4,0   | 5,61        | 8,23        | 10,4        | 209/11,2    | 207/14       | 207/17,1    | 204,5/22,7   | 199,7/24,7   | 199,7/24,7 |            |
|                              |                                  | %50 OF PRIME POWER | g/kWh-lt/h | 280/1,7       | 277/2,0   | 258/2,9   | 4,06        | 5,83        | 7,2         | 224/8,0     | 204/9,7      | 204/11,2    | 213,9/15,9   | 197,9/16,4   | 197,9/16,4 |            |
|                              | TOTAL LUBRICATING CAPACITY       |                    |            | Lt            | 4,9       | 6         | 10,6        | 8,3         | 7,9         | 7,9         | 8            | 8           | 8            | 18           | 16,5       | 16,5       |
|                              | TOTAL COOLANT CAPACITY           |                    |            | Lt            | 5,2       | 6         | 7           | 10,2        | 10,2        | 10,2        | 13           | 13          | 12,6         | 21           | 21         | 21         |
|                              | ALTERNATOR                       | BRAND              |            |               | MARANELLO |           |             |             |             |             |              |             |              |              |            |            |
|                              |                                  | MODEL              |            |               | M12       | M15       | M25         | M33         | M50         | M66         | M75          | M88         | M110         | M150         | M165       | M200       |
|                              |                                  | OUTPUT VOLTAGE     |            |               | Hz        | 231/400   |             |             |             |             |              |             |              |              |            |            |
| FREQUENCY                    |                                  |                    | V          | 50            |           |           |             |             |             |             |              |             |              |              |            |            |
| AUTOMATIC VOLTAGE REGULATION |                                  |                    | ± %        | 0,5           |           |           |             |             |             |             |              |             |              |              |            |            |
| DIMENSIONS                   | OPEN TYPE W ( WITH CANOPY W )    |                    |            | cm            | 80(93)    | 80(93)    | 80(93)      | 90(90)      | 90(90)      | 90(90)      | 90(90)       | 110(110)    | 110(110)     | 110(110)     | 120(120)   | 120(120)   |
|                              | OPEN TYPE L ( WITH CANOPY L )    |                    |            | cm            | 200(210)  | 200(210)  | 200(210)    | 180(230)    | 180(230)    | 180(230)    | 180(230)     | 210(280)    | 210(280)     | 240(300)     | 280(280)   | 280(280)   |
|                              | OPEN TYPE H ( WITH CANOPY H )    |                    |            | cm            | 120(100)  | 120(100)  | 120(100)    | 142(172)    | 142(172)    | 142(172)    | 142(172)     | 165(183)    | 165(183)     | 150(180)     | 172(222)   | 172(222)   |
|                              | UNIT WEIGHT OPEN ( WITH CANOPY ) |                    |            | kg            | 650(850)  | 650(850)  | 650(850)    | 792(1120)   | 859(1187)   | 892(1250)   | 944(1282)    | 942(1460)   | 1552(2235)   | 1600(2300)   | 2105(2745) | 2105(2745) |



# GPP Models Diesel Generator Technical Features- 2

| MODEL                      |                                  |            |            | GPP220        | GPP250        | GPP275        | GPP300        | GPP330        | GPP400        | GPP450        | GPP500        | GPP550        | GPP660         | GPP700        | GPP825       |  |
|----------------------------|----------------------------------|------------|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|--------------|--|
| GROUP                      | POWER<br>CosQ 0,8                | STANDBY    | kVA        | 220           | 250           | 275           | 300           | 330           | 400           | 450           | 500           | 550           | 660            | 700           | 825          |  |
|                            |                                  |            | kW         | 176           | 200           | 220           | 240           | 264           | 320           | 360           | 400           | 440           | 528            | 560           | 660          |  |
|                            |                                  | PRIME      | kVA        | 200           | 230           | 250           | 275           | 300           | 350           | 400           | 455           | 500           | 600            | 650           | 750          |  |
|                            |                                  |            | kW         | 160           | 184           | 200           | 220           | 240           | 280           | 320           | 364           | 400           | 480            | 520           | 600          |  |
| DIESEL ENGINE              | BRAND                            |            |            | PERKINS       |               |               |               |               |               |               |               |               |                |               |              |  |
|                            | MODEL                            |            |            | 1106A-70TAG4  | 1506A-E88TAG2 | 1506A-E88TAG3 | 1506A-E88TAG4 | 1506A-E88TAG5 | 2206A-E13TAG2 | 2206A-E13TAG3 | 2506A-E15TAG1 | 2506A-E15TAG2 | 2806A-E18TAG1A | 2806A-E18TAG2 | 4006-23TAG2A |  |
|                            | ENGINE SPEED                     |            | Rpm        | 1500          |               |               |               |               |               |               |               |               |                |               |              |  |
|                            | PRIME POWER                      |            | kW         | 178,9         | 204           | 222           | 244           | 267           | 305           | 349           | 396           | 435           | 522            | 565           | 632          |  |
|                            | STANDBY POWER                    |            | kW         | 196,3         | 222           | 244           | 267           | 293           | 349           | 392           | 434           | 478           | 574            | 609           | 695          |  |
|                            | NUMBER OF CYLINDER AND ORDER     |            |            | 6 L           | 6 L           | 6 L           | 6 L           | 6 L           | 6 L           | 6 L           | 6 L           | 6 L           | 6 L            | 6 L           | 6 L          |  |
|                            | SWITCHABLE                       |            | N / Y      | N             | Y             | Y             | Y             | Y             | Y             | Y             | Y             | Y             | Y              | Y             | N            |  |
|                            | INTAKE SYSTEM                    |            |            | Turbo ACC     |               |               |               |               |               |               |               |               |                |               |              |  |
|                            | COOLING SYSTEM                   |            |            | Water Cooling |               |               |               |               |               |               |               |               |                |               |              |  |
|                            | GOVERNOR                         |            |            | Mechanic      | Electronic    |               |               |               |               |               |               |               |                |               |              |  |
|                            | CYLINDER VOLUME                  |            | Lt         | 7,01          | 8,8           | 8,8           | 8,8           | 8,8           | 12,5          | 12,5          | 15,2          | 15,2          | 18,1           | 18,1          | 22,921       |  |
|                            | CYLINDER BORExSTROKE             |            | mmxmm      | 105x135       | 112x149       | 112x149       | 112x149       | 112x149       | 130x157       | 130x157       | 137x171       | 137x171       | 145x183        | 145x183       | 160x190      |  |
|                            | COMPRESSION RATIO                |            |            | 16:1          | 16.1:1        | 16.1:1        | 16.1:1        | 16.1:1        | 16.3:1        | 16.3:1        | 16:1          | 16:1          | 14.5:1         | 14.5:1        | 13.6:1       |  |
|                            | VOLTAGE                          |            | V          | 24            | 24            | 24            | 24            | 24            | 24            | 24            | 24            | 24            | 24             | 24            | 24           |  |
|                            | FUEL CONSUMPTION                 | STANDBY    | g/kWh-lt/h | 209/49,4      | 201/53,5      | 200/61        | 200/66        | 202/73        | 195/77        | 196/89        | 198/104       | 200/111       | 201/134        | 203/143       | 210/173      |  |
|                            |                                  | PRIME      | g/kWh-lt/h | 213/45,8      | 199/48,6      | 199/56        | 198/60        | 196/65        | 196/71        | 197/81        | 199/95        | 199/100       | 203/123        | 202/132       | 209/157      |  |
| %75 OF PRIME POWER         |                                  | g/kWh-lt/h | 215/34,7   | 198/36,5      | 199/42        | 200/40        | 195/48        | 196/54        | 199/62        | 200/72        | 201/76        | 199/90        | 198/97         | 211/121       |              |  |
| %50 OF PRIME POWER         |                                  | g/kWh-lt/h | 215/23,1   | 209/25,3      | 208/29        | 207/32        | 198/33        | 203/37        | 202/42        | 210/50        | 211/53        | 203/61        | 201/66         | 213/83        |              |  |
| TOTAL LUBRICATING CAPACITY |                                  | Lt         | 16,5       | 41            | 41            | 41            | 41            | 40            | 40            | 62            | 62            | 62            | 62             | 113,4         |              |  |
| TOTAL COOLANT CAPACITY     |                                  | Lt         | 21         | 29,6          | 29,6          | 29,6          | 29,6          | 51,4          | 51,4          | 58            | 58            | 61            | 61             | 105           |              |  |
| ALTERNATOR                 | BRAND                            |            |            | MARANELLO     |               |               |               |               |               |               |               |               |                |               |              |  |
|                            | MODEL                            |            |            | M220          | M250          | M275          | M330          | M330          | M400          | M450          | M500          | M550          | M660           | M700          | M850         |  |
|                            | OUTPUT VOLTAGE                   |            | V          | 231/400       |               |               |               |               |               |               |               |               |                |               |              |  |
|                            | FREQUENCY                        |            | Hz         | 50            |               |               |               |               |               |               |               |               |                |               |              |  |
|                            | AUTOMATIC VOLTAGE REGULATION     |            | ± %        | 0,5           |               |               |               |               |               |               |               |               |                |               |              |  |
| DIMENSIONS                 | OPEN TYPE W ( WITH CANOPY W )    |            | cm         | 120(120)      | 150(150)      | 150(150)      | 150(150)      | 150(150)      | 150(150)      | 150(150)      | 150(150)      | 150(150)      | 210(244)       | 210(244)      |              |  |
|                            | OPEN TYPE L ( WITH CANOPY L )    |            | cm         | 280(280)      | 280(280)      | 280(280)      | 310(420)      | 280(280)      | 310(420)      | 310(420)      | 350(460)      | 350(460)      | 350(460)       | 335(606)      | 335(606)     |  |
|                            | OPEN TYPE H ( WITH CANOPY H )    |            | cm         | 172(222)      | 172(258)      | 172(258)      | 196(258)      | 172(258)      | 190(258)      | 190(258)      | 217(281)      | 217(281)      | 220(281)       | 220(259)      | 220(259)     |  |
|                            | UNIT WEIGHT OPEN ( WITH CANOPY ) |            | kg         | 2105(2745)    | 2113(3100)    | 2021(3006)    | 2900(4004)    | 3004(4404)    | 3441(4406)    | 3526(4426)    | 3886(4786)    | 4070(5094)    | 4188(5095)     | 5072(7452)    | 6604(8414)   |  |



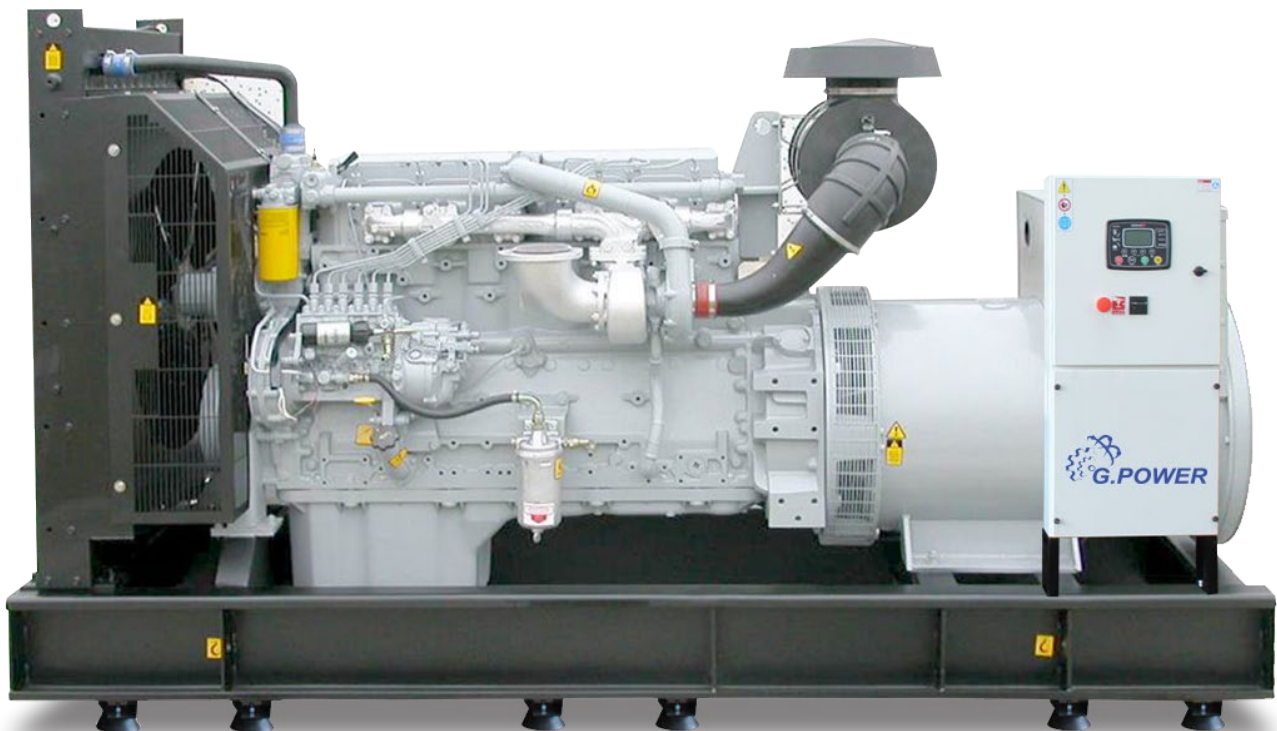
## GPP Model Diesel Generator Technical Features- 3

| MODEL                      |                                  |            |            | GPP900        | GPP1000     | GPP1100     | GPP1250     | GPP1385      | GPP1500      | GPP1650      | GPP1875      | GPP2000      | GPP2250      | GPP2500      |
|----------------------------|----------------------------------|------------|------------|---------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| GROUP                      | POWER<br>CosQ 0,8                | STANDBY    | kVA        | 900           | 1000        | 1100        | 1250        | 1385         | 1500         | 1650         | 1875         | 2000         | 2250         | 2500         |
|                            |                                  |            | KW         | 720           | 800         | 880         | 100         | 1108         | 1200         | 1320         | 1500         | 1600         | 1800         | 2000         |
|                            |                                  | PRIME      | kVA        | 800           | 900         | 1000        | 1125        | 1250         | 1350         | 1500         | 1710         | 1850         | 2000         | 2250         |
|                            |                                  |            | kW         | 640           | 720         | 800         | 900         | 1000         | 1080         | 1200         | 1368         | 1480         | 1600         | 1800         |
| DIESEL ENGINE              | BRAND                            |            |            | PERKINS       |             |             |             |              |              |              |              |              |              |              |
|                            | MODEL                            |            |            | 4006-23TAG3A  | 4008-30TAG1 | 4008-TAG2A  | 4008-30TAG3 | 4012-46TWG2A | 4012-46TWG3A | 4012-46TAG2A | 4012-46TAG3A | 4016-TAG1A   | 4016-61TRG2  | 4016-61TRG3  |
|                            | ENGINE SPEED                     |            | Rpm        | 1500          |             |             |             |              |              |              |              |              |              |              |
|                            | PRIME POWER                      |            | KW         | 679           | 767         | 861         | 947         | 1055         | 1149         | 1267         | 1440         | 1537         | 1684         | 1875         |
|                            | STANDBY POWER                    |            | KW         | 760           | 844         | 947         | 1055        | 1166         | 1263         | 1395         | 1583         | 1690         | 1895         | 2083         |
|                            | NUMBER OF CYLINDER AND ORDER     |            |            | 6 L           | 8 L         | 8 L         | 8 L         | 12 V         | 12 V         | 12 V         | 12 V         | 16 V         | 16 V         | 16 V         |
|                            | SWITCHABLE                       |            | N / Y      | N             | N           | N           | N           | N            | N            | N            | N            | N            | N            | N            |
|                            | INTAKE SYSTEM                    |            |            | Turbo ACC     |             |             |             |              |              |              |              |              |              |              |
|                            | COOLING SYSTEM                   |            |            | Water Cooling |             |             |             |              |              |              |              |              |              |              |
|                            | GOVERNOR                         |            |            | Electronic    |             |             |             |              |              |              |              |              |              |              |
|                            | CYLINDER VOLUME                  |            | Lt         | 22,921        | 30,56       | 30,56       | 30,56       | 45,84        | 45,84        | 45,82        | 45,82        | 61,12        | 61,12        | 61,12        |
|                            | CYLINDER BORE×STROKE             |            | mm×mm      | 160×190       | 160×190     | 160×190     | 160×190     | 160×190      | 160×190      | 160×190      | 160×190      | 160×190      | 160×190      | 160×190      |
|                            | COMPRESSION RATIO                |            |            | 13.6:1        | 13.1:1      | 13.6:1      | 13.1:1      | 13.6:1       | 13.6:1       | 13.6:1       | 13.6:1       | 13.6:1       | 13.6:1       | 13.6:1       |
|                            | VOLTAGE                          |            | V          | 24            | 24          | 24          | 24          | 24           | 24           | 24           | 24           | 24           | 24           | 24           |
|                            | FUEL CONSUMPTION                 | STANDBY    | g/kWh-lt/h | 212/194       | 210/218     | 209/240     | 210/269     | 213/288      | 217/318      | 201/341      | 211/405      | 207/425      | 207/477      | 209/529      |
|                            |                                  | PRIME      | g/kWh-lt/h | 210/172       | 206/195     | 206/215     | 206/244     | 212/259      | 212/283      | 200/310      | 208/370      | 205/385      | 205/422      | 205/470      |
| %75 OF PRIME POWER         |                                  | g/kWh-lt/h | 210/130    | 199/140       | 206/162     | 202/188     | 216/196     | 213/213      | 201/234      | 206/275      | 192/290      | 206/318      | 200/344      |              |
| %50 OF PRIME POWER         |                                  | g/kWh-lt/h | 213/90     | 207/98        | 207/111     | 204/120     | 233/143     | 226/151      | 203/157      | 202/187      | 198/202      | 210/216      | 204/234      |              |
| TOTAL LUBRICATING CAPACITY |                                  | Lt         | 113,4      | 153           | 153         | 153         | 177         | 177          | 177          | 177          | 237,2        | 237,2        | 237,2        |              |
| TOTAL COOLANT CAPACITY     |                                  | Lt         | 105        | 143           | 143         | 143         | 196         | 196          | 207          | 207          | 215          | 215          | 260          |              |
| ALTERNATOR                 | BRAND                            |            |            | MARANELLO     |             |             |             |              |              |              |              |              |              |              |
|                            | MODEL                            |            |            | M950          | M1000       | M1100       | M1250       | M1350        | M1500        | M1670        | M2000        | M2000        | M2250        | M2500        |
|                            | OUTPUT VOLTAGE                   |            | V          | 231/400       |             |             |             |              |              |              |              |              |              |              |
|                            | FREQUENCY                        |            | Hz         | 50            |             |             |             |              |              |              |              |              |              |              |
|                            | AUTOMATIC VOLTAGE REGULATION     |            | ±%         | 0,5           |             |             |             |              |              |              |              |              |              |              |
| DIMENSIONS                 | OPEN TYPE W ( WITH CANOPY W )    |            | cm         | 210 (243)     | 210 (243)   | 190 (243)   | 190 (243)   | 190 (243)    | 240(243)     | 240(243)     | 240(243)     | 243(300)     | 243(300)     | 243(300)     |
|                            | OPEN TYPE L ( WITH CANOPY L )    |            | cm         | 390 (605)     | 465(605)    | 465(605)    | 465(605)    | 465(605)     | 550(908)     | 550(908)     | 550(1219)    | 650(1219)    | 650(1219)    | 650(1219)    |
|                            | OPEN TYPE H ( WITH CANOPY H )    |            | cm         | 222(259)      | 255(259)    | 255(259)    | 255(259)    | 255(289)     | 275(269)     | 269(315)     | 269(322)     | 269(322)     | 269(322)     | 269(322)     |
|                            | UNIT WEIGHT OPEN ( WITH CANOPY ) |            | kg         | 7264(9014)    | 9303(11053) | 9608(11358) | 9608(11358) | 9722(15220)  | 9802(15500)  | 9922(16120)  | 10698(19282) | 12145(20409) | 12345(20609) | 16300(20904) |

# GPM MODELS

## 410 kVA - 1000 kVA

- MAN engine, Heavy - duty
- 4 stroke, water - cooled engine
- Mechanic/Electronic governor control system
- 24 Volt D.C
- Direct injection fuel system
- Replaceable cylinder liner
- Replaceable oil filter, fuel filter and dry air filter
- Cooling radiator and fan
- Flexible fuel hoses and oil discharge valve
- Industrial muffler and flexible expansion compensator
- Starter battery (lead acid) including wires and fixture
- Jacket water heater ( for self - drive models)





## GPM Model Diesel Generator Technical Features

| MODEL                        |                                     |          |            | GPM510                                                                                | GPM630       | GPM700       | GPM730       | GPM810       | GPM1000      |  |
|------------------------------|-------------------------------------|----------|------------|---------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--|
| GROUP                        | POWER<br>Power Factor               | STAND BY | kVA        | 510                                                                                   | 630          | 700          | 730          | 810          | 1000         |  |
|                              |                                     |          | kW         | 408                                                                                   | 504          | 560          | 584          | 648          | 800          |  |
|                              |                                     | PRIME    | kVA        | 463                                                                                   | 572          | 636          | 663          | 736          | 910          |  |
|                              |                                     |          | kW         | 370                                                                                   | 458          | 458          | 530          | 589          | 728          |  |
|                              |                                     | BRAND    |            |                                                                                       | MAN          |              |              |              |              |  |
| DIESEL ENGINE                | MODEL                               |          |            | D2676 LE 223                                                                          | D2840 LE 203 | D2840 LE 213 | D2842 LE 203 | D2842 LE 213 | D2862 LE 223 |  |
|                              | ENGINE POWER                        |          | kW/m       | 495                                                                                   | 545          | 610          | 633          | 702          | 880          |  |
|                              | ENGINE RPM                          |          | rpm        | 1500                                                                                  |              |              |              |              |              |  |
|                              | CYLINDER VOLUME                     |          | Liter      | 12,4                                                                                  | 18,3         | 18,3         | 21,9         | 21,9         | 24,2         |  |
|                              | NUMBER OF CYLINDER AND ORDER        |          |            | 6 in-line                                                                             | 10 V         | 10 V         | 12 V         | 12 V         | 12 V         |  |
|                              | BORE X STROKE                       |          | mm x mm    | 126 x 166                                                                             | 128 x 142    | 128 x 142    | 128 x 142    | 128 x 142    | 128 x 157    |  |
|                              | TURBOCHARGING                       |          |            | Turbo charger with charge air cooling                                                 |              |              |              |              |              |  |
|                              | COOLING                             |          | g / kW x h | Water circulation by means of attached rotary pump and front end combination radiator |              |              |              |              |              |  |
|                              | ALTERNATOR                          | BRAND    |            |                                                                                       | MARANELLO    |              |              |              |              |  |
| MODEL                        |                                     |          | M550       | M660                                                                                  | M700         | M750         | M850         | M1000        |              |  |
| OUTPUT VOLTAGE               |                                     | V        | 230/400    |                                                                                       |              |              |              |              |              |  |
| FREQUENCY                    |                                     | .Hz.     | 50         |                                                                                       |              |              |              |              |              |  |
| AUTOMATIC VOLTAGE REGULATION |                                     | ± %      | 0,5        |                                                                                       |              |              |              |              |              |  |
| DIMENSIONS                   | LENGTH WITHOUT CANOPY (WITH CONPY)  |          | cm.        | 330 (450)                                                                             | 330 (450)    | 400 (540)    | 400 (540)    | 400 (540)    | 400 (580)    |  |
|                              | WIDTH WITHOUT CANOPY (WITH CANOPY)  |          | cm.        | 135 (135)                                                                             | 135 (135)    | 210 (210)    | 210 (210)    | 210 (210)    | 210 (210)    |  |
|                              | HEIGHT WITHOUT CANOPY (WITH CANOPY) |          | cm.        | 190 (240)                                                                             | 190 (240)    | 210 (250)    | 210 (250)    | 210 (250)    | 210 (270)    |  |
|                              | UNIT WEIGHT (WITH CANOPY)           |          | kg.        | 3300 (4300)                                                                           | 4500 (5500)  | 6000 (7500)  | 6200 (8100)  | 6500 (8400)  | 7900 (9900)  |  |

### Characteristics for D2676 and D2862 Series

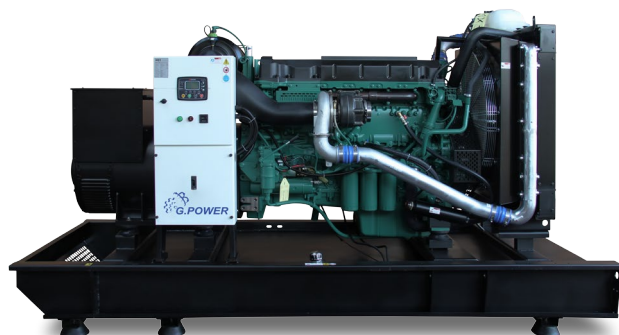
|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Made of operation | Four-Stroke diesel engine with direct fuel injection                             |
| Injection         | Common Rail injection system with an injection pressure of 1 800 bar / 1 600 bar |
| Engine Control    | EDC7 control unit with engine management computer                                |

### Characteristics for D2840 and D2842 Series

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Made of operation | Four-Stroke diesel engine with direct fuel injection      |
| Injection         | Bosch inline injection pump with electromagnetic actuator |
| Engine Control    | Various types of GAC control unit available on request    |

# GPV MODELS

94 kVA - 700 kVA



## GPV Model Diesel Generator Technical Features - 1

| MODEL              |                                  |            | GPV94         | GPV110     | GPV145        | GPV165     | GPV200        | GPV220        | GPV275     | GPV330     |            |  |
|--------------------|----------------------------------|------------|---------------|------------|---------------|------------|---------------|---------------|------------|------------|------------|--|
| GROUP              | POWER<br>CosQ 0,8                | STANDBY    | kVA           | 94         | 110           | 145        | 165           | 200           | 220        | 275        | 330        |  |
|                    |                                  |            | kW            | 75         | 88            | 116        | 132           | 160           | 176        | 220        | 264        |  |
|                    |                                  | PRIME      | kVA           | 85         | 100           | 130        | 150           | 180           | 200        | 250        | 300        |  |
|                    |                                  |            | kW            | 68         | 80            | 104        | 120           | 144           | 160        | 200        | 240        |  |
| DIESEL ENGINE      | BRAND                            |            | VOLVO         |            |               |            |               |               |            |            |            |  |
|                    | MODEL                            |            | TAD530GE      | TAD531GE   | TAD532GE EDC4 | TAD731GE   | TAD732GE EDC4 | TAD733GE EDC4 | TAD734GE   | TAD1341GE  |            |  |
|                    | ENGINE SPEED                     |            | Rpm           | 1500       |               |            |               |               |            |            |            |  |
|                    | PRIME POWER                      |            | kW            | 74         | 88            | 112        | 133           | 160           | 175        | 213        | 271        |  |
|                    | STANDBY POWER                    |            | kW            | 83         | 98            | 125        | 148           | 179           | 195        | 238        | 298        |  |
|                    | NUMBER OF CYLINDER AND ORDER     |            | 4 L           | 4 L        | 4 L           | 6 L        | 6 L           | 6 L           | 6 L        | 6 L        |            |  |
|                    | SWITCHABLE                       |            | N / Y         | Y          | Y             | Y          | Y             | Y             | Y          | Y          |            |  |
|                    | INTAKE SYSTEM                    |            | Turbo ACC     |            |               |            |               |               |            |            |            |  |
|                    | COOLING SYSTEM                   |            | Water Cooling |            |               |            |               |               |            |            |            |  |
|                    | GOVERNOR                         |            | Electronic    |            |               |            |               |               |            |            |            |  |
|                    | CYLINDER VOLUME                  |            | Lt            | 4,76       | 4,76          | 4,76       | 7,15          | 7,15          | 7,15       | 7,15       | 12,78      |  |
|                    | CYLINDER BORExSTROKE             |            | mmxmm         | 108x130    | 108x130       | 108x130    | 108x130       | 108x130       | 108x130    | 108x130    | 131x158    |  |
|                    | COMPRESSION RATIO                |            |               | 18:1       | 18:1          | 17.5:1     | 18:1          | 18:1          | 18.1:1     | 17:1       | 18.1:1     |  |
|                    | VOLTAGE                          |            | V             | 12         | 12            | 12         | 24            | 24            | 24         | 24         | 24         |  |
|                    | FUEL<br>CONSUMPTION              | STANDBY    | g/kWh-lt/h    | 217        | 218           | 214        | 215           | 213           | 216        | 204        | 191        |  |
|                    |                                  | PRIME      | g/kWh-lt/h    | 219        | 218           | 210        | 216           | 213           | 214        | 217        | 195        |  |
| %75 OF PRIME POWER |                                  | g/kWh-lt/h | 231           | 225        | 213           | 224        | 219           | 217           | 233        | 202        |            |  |
| %50 OF PRIME POWER |                                  | g/kWh-lt/h | 276           | 259        | 239           | 259        | 270           | 228           | 244        | 230        |            |  |
| ALTERNATOR         | BRAND                            |            | MARANELLO     |            |               |            |               |               |            |            |            |  |
|                    | MODEL                            |            | M96           | M110       | M150          | M165       | M200          | M220          | M275       | M330       |            |  |
|                    | OUTPUT VOLTAGE                   |            | V             | 231/400    |               |            |               |               |            |            |            |  |
|                    | FREQUENCY                        |            | Hz            | 50         |               |            |               |               |            |            |            |  |
|                    | AUTOMATIC VOLTAGE REGULATION     |            | ± %           | 0,5        |               |            |               |               |            |            |            |  |
| DIMENSIONS         | OPEN TYPE W ( WITH CANOPY W )    |            | cm            | 190(245)   | 220(300)      | 220(300)   | 220(300)      | 220(300)      | 300(380)   | 300(380)   |            |  |
|                    | OPEN TYPE L ( WITH CANOPY L )    |            | cm            | 95(95)     | 110(110)      | 110(110)   | 110(110)      | 110(110)      | 135(135)   | 135(135)   |            |  |
|                    | OPEN TYPE H ( WITH CANOPY H )    |            | cm            | 150(165)   | 170(180)      | 170(180)   | 170(180)      | 170(180)      | 180(220)   | 180(220)   |            |  |
|                    | UNIT WEIGHT OPEN ( WITH CANOPY ) |            | kg            | 1200(1550) | 1550(2050)    | 1800(2300) | 1910(2430)    | 2400(2950)    | 2450(3050) | 2800(3490) | 3000(3820) |  |



# GPV Model Diesel Generator Technical Features - 2

| MODEL              |                                  |            |            | GPV385        | GPV415     | GPV450     | GPV500     | GPV550     | GPV630     | GPV700     |
|--------------------|----------------------------------|------------|------------|---------------|------------|------------|------------|------------|------------|------------|
| GROUP              | POWER<br>CosQ 0,8                | STANDBY    | kVA        | 385           | 415        | 450        | 500        | 550        | 630        | 700        |
|                    |                                  |            | KW         | 308           | 332        | 360        | 400        | 440        | 504        | 560        |
|                    |                                  | PRIME      | kVA        | 350           | 375        | 400        | 450        | 500        | 570        | 630        |
|                    |                                  |            | KW         | 280           | 300        | 320        | 360        | 400        | 456        | 504        |
| DIESEL ENGINE      | BRAND                            |            |            | VOLVO         |            |            |            |            |            |            |
|                    | MODEL                            |            |            | TAD1342GE     | TAD1343GE  | TAD1344GE  | TAD1345GE  | TAD1641GE  | TAD1642GE  | TWD1643GE  |
|                    | ENGINE SPEED                     |            | Rpm        | 1500          |            |            |            |            |            |            |
|                    | PRIME POWER                      |            | KW         | 303           | 325        | 354        | 388        | 430        | 503        | 536        |
|                    | STANDBY POWER                    |            | KW         | 333           | 356        | 389        | 431        | 473        | 554        | 596        |
|                    | NUMBER OF CYLINDER AND ORDER     |            |            | 6 L           | 6 L        | 6 L        | 6 L        | 6 L        | 6 L        | 6 L        |
|                    | SWITCHABLE                       |            | N / Y      | Y             | Y          | Y          | Y          | Y          | Y          | Y          |
|                    | INTAKE SYSTEM                    |            |            | Turbo ACC     |            |            |            |            |            |            |
|                    | COOLING SYSTEM                   |            |            | Water Cooling |            |            |            |            |            |            |
|                    | GOVERNOR                         |            |            | Electronic    |            |            |            |            |            |            |
|                    | CYLINDER VOLUME                  |            | Lt         | 12,78         | 12,78      | 12,78      | 12,78      | 16,12      | 16,12      | 16,12      |
|                    | CYLINDER BORExSTROKE             |            | mmxmm      | 131x158       | 131x158    | 131x158    | 131x158    | 144x165    | 144x165    | 144x165    |
|                    | COMPRESSION RATIO                |            |            | 18.1:1        | 18.1:1     | 18.1:1     | 18.1:1     | 16.5:1     | 16.5:1     | 16.5:1     |
|                    | VOLTAGE                          |            | V          | 24            | 24         | 24         | 24         | 24         | 24         | 24         |
|                    | FUEL CONSUMPTION                 | STANDBY    | g/kWh-It/h | 191           | 192        | 194        | 196        | 199        | 198        | 199        |
|                    |                                  | PRIME      | g/kWh-It/h | 193           | 193        | 197        | 197        | 196        | 195        | 196        |
| %75 OF PRIME POWER |                                  | g/kWh-It/h | 201        | 200           | 200        | 199        | 199        | 195        | 196        |            |
| %50 OF PRIME POWER |                                  | g/kWh-It/h | 224        | 222           | 219        | 217        | 216        | 213        | 215        |            |
| ALTERNATOR         | BRAND                            |            |            | MARANELLO     |            |            |            |            |            |            |
|                    | MODEL                            |            |            | M400          | M430       | M450       | M500       | M550       | M660       | M700       |
|                    | OUTPUT VOLTAGE                   |            | V          | 231/400       |            |            |            |            |            |            |
|                    | FREQUENCY                        |            | Hz         | 50            |            |            |            |            |            |            |
|                    | AUTOMATIC VOLTAGE REGULATION     |            | ± %        | 0,5           |            |            |            |            |            |            |
| DIMENSIONS         | OPEN TYPE W ( WITH CANOPY W )    |            | cm         | 330(400)      | 330(400)   | 330(400)   | 330(400)   | 330(400)   | 350(500)   | 350(500)   |
|                    | OPEN TYPE L ( WITH CANOPY L )    |            | cm         | 135(135)      | 135(135)   | 135(135)   | 135(135)   | 135(135)   | 170(190)   | 170(190)   |
|                    | OPEN TYPE H ( WITH CANOPY H )    |            | cm         | 190(225)      | 190(225)   | 190(225)   | 190(225)   | 190(225)   | 210(235)   | 210(235)   |
|                    | UNIT WEIGHT OPEN ( WITH CANOPY ) |            | kg         | 3150(4120)    | 3250(4200) | 3300(4400) | 3650(4700) | 3800(4850) | 5850(7800) | 6300(8200) |

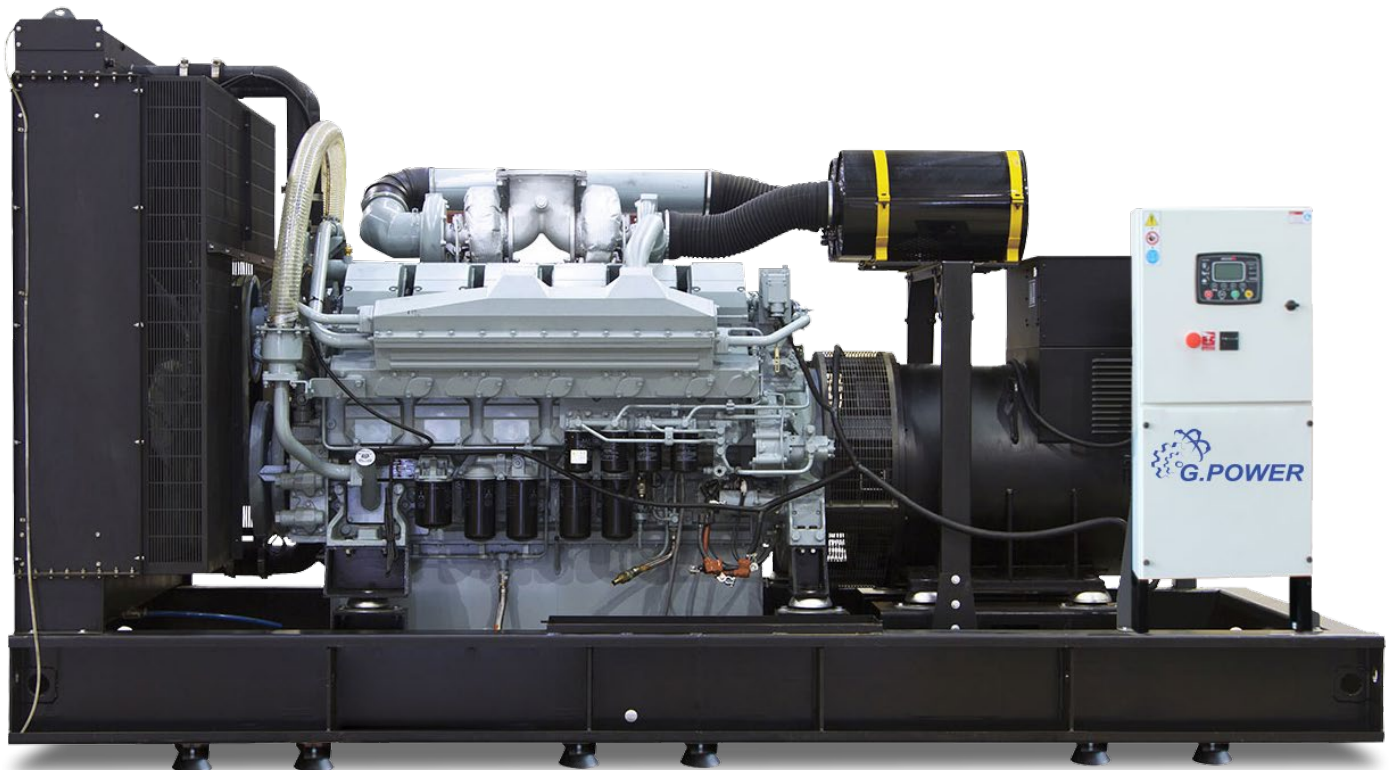
# GPMT<sub>1000 kVA ..... 2500 kVA</sub>

## Model Diesel - MITSUBISHI Engine



### FIELD OF USAGE

- Several Industrial Plants
- Hospital and Farms
- Marine
- Universities, Schools
- Workshops and Factories
- Fuel Stations





## GPMT Series Diesel Generator Technical Features

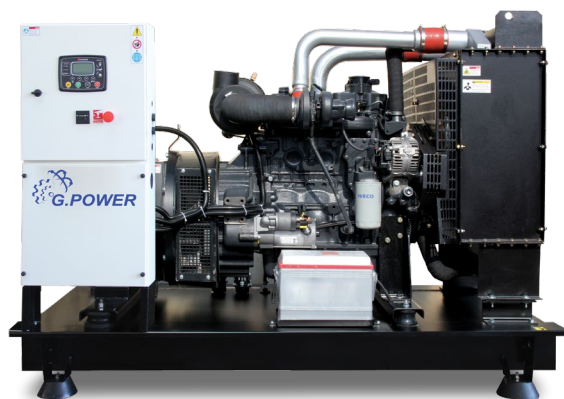
| MODEL         |                                     |          |       | GPMT1000                    | GPMT1100      | GPMT1175      | GPMT1430     | GPMT1550     | GPMT1650     | GPMT1915      | GPMT2100      | GPMT2250      | GPMT2500      |
|---------------|-------------------------------------|----------|-------|-----------------------------|---------------|---------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| GROUP         | POWER<br>Power Factor               | STAND BY | kVA   | 1000                        | 1100          | 1175          | 1430         | 1550         | 1650         | 1915          | 2100          | 2250          | 2500          |
|               |                                     |          | kW    | 800                         | 880           | 940           | 1144         | 1240         | 1320         | 1532          | 1680          | 1800          | 2000          |
|               |                                     | PRIME    | kVA   | 909                         | 1000          | 1068          | 1300         | 1409         | 1500         | 1741          | 1909          | 2045          | 2273          |
|               |                                     |          | kW    | 727                         | 800           | 855           | 1040         | 1127         | 1200         | 1393          | 1527          | 1636          | 1818          |
| DIESEL ENGINE | BRAND                               |          |       | MITSUBISHI                  |               |               |              |              |              |               |               |               |               |
|               | MODEL                               |          |       | S12A2-PTA2                  | S12H-PTA      | S12H-PTA      | S12R-PTA     | S12R-PTA2    | S12R-PTAA2   | S16R-PTA      | S16R-PTA2     | S16R-PTAA2    | S16R2-PTAW    |
|               | ENGINE POWER                        |          | kW    | 840                         | 1020          | 1020          | 1220         | 1315         | 1441         | 1620          | 1790          | 1939          | 2167          |
|               | ENGINE RPM                          |          |       | 1500                        |               |               |              |              |              |               |               |               |               |
|               | CYLINDER VOLUME                     |          | L     | 33,93                       | 37,11         | 37,11         | 49,03        | 49,03        | 49,03        | 65,37         | 65,37         | 65,37         | 79,9          |
|               | NUMBER OF CYLINDER AND ORDER        |          |       | 12V                         | 12V           | 12V           | 12V          | 12V          | 12V          | 16V           | 16V           | 16V           | 16V           |
|               | BORE X STROKE                       |          | mm    | 150 x 160                   | 150 x 175     | 150 x 175     | 170 x 180    | 170 x 180    | 170 x 180    | 170 x 180     | 170 x 180     | 170 x 180     | 170 x 220     |
|               | GOVERNOR TYPE                       |          |       | Electronic                  |               |               |              |              |              |               |               |               |               |
|               | ASPIRATION                          |          |       | Turbo Charged, After Cooler |               |               |              |              |              |               |               |               |               |
|               | COMPRESSION RATIO                   |          |       | 15.3:1                      | 14.0:1        | 14.0:1        | 14.0:1       | 13.5:1       | 13.5:1       | 14.0:1        | 13.5:1        | 14.0:1        | 14.0:1        |
|               | FUEL CONSUMPTION                    |          | g/kWh | 214                         | 206           | 206           | 205          | 212          | 205          | 203           | 212           | 203           | 203           |
|               | OIL CAPACITY HIGH/LOW               |          | L     | 100/80                      | 180/150       | 180/150       | 150/110      | 150/110      | 150/110      | 200/140       | 200/140       | 200/140       | 200/140       |
|               | COOLING CAPACITY                    |          | L     | 100                         | 100           | 100           | 125          | 125          | 125          | 170           | 170           | 170           | 140           |
|               | FUEL INJECTOR                       |          |       | Bosch P type                | Unit Injector | Unit Injector | PS6 Type     | PS6 Type     | PS6 Type     | PS8 Type      | PS8 Type      | PS8 Type      | PS8 Type      |
| ALTERNATOR    | BRAND                               |          |       | MARANELLO                   |               |               |              |              |              |               |               |               |               |
|               | MODEL                               |          |       | M1000                       | M1100         | M1250         | M1500        | M1500        | M1670        | M2000         | M2250         | M2250         | M2500         |
|               | OUTPUT VOLTAGE                      |          | V     | 230/400                     |               |               |              |              |              |               |               |               |               |
|               | FREQUENCY                           |          | Hz.   | 50                          |               |               |              |              |              |               |               |               |               |
|               | AUTOMATIC VOLTAGE REGULATION        |          | ± %   | 0,5                         |               |               |              |              |              |               |               |               |               |
| DIMENSIONS    | LENGTH WITHOUT CANOPY (WITH CONPY)  |          | cm.   | 210 (243)                   | 210 (243)     | 190 (243)     | 240 (243)    | 240 (243)    | 240 (243)    | 243 (300)     | 243 (300)     | 243 (300)     | 243 (300)     |
|               | WIDTH WITHOUT CANOPY (WITH CANOPY)  |          | cm.   | 465 (605)                   | 465 (605)     | 480 (908)     | 550 (908)    | 550 (908)    | 550 (908)    | 650 (1219)    | 650 (1219)    | 650 (1219)    | 650 (1219)    |
|               | HEIGHT WITHOUT CANOPY (WITH CANOPY) |          | cm.   | 255 (259)                   | 255 (259)     | 275 (289)     | 275 (269)    | 275 (269)    | 275 (269)    | 269 (322)     | 269 (322)     | 269 (322)     | 269 (322)     |
|               | UNIT WEIGHT (WITH CANOPY)           |          | kg.   | 9303 (11053)                | 9608 (11358)  | 9722 (15220)  | 9802 (15500) | 9802 (15500) | 9922 (16120) | 12145 (20609) | 12640 (20904) | 13000 (21050) | 16000 (22504) |

# GPI

33 kVA ..... 660 kVA



## Model Diesel - IVECO Engines



## GPI Model Diesel Generator Technical Features - 1

| MODEL         |                                     |          |         | GPI33                     | GPI55      | GPI66         | GPI82      | GPI100      | GPI110      | GPI132      | GPI140        |
|---------------|-------------------------------------|----------|---------|---------------------------|------------|---------------|------------|-------------|-------------|-------------|---------------|
| GROUP         | POWER<br>Power Factor               | STAND BY | kVA     | 33                        | 55         | 66            | 82         | 100         | 110         | 132         | 140           |
|               |                                     |          | kW      | 26,4                      | 44         | 52,8          | 65,6       | 80          | 88          | 105,6       | 112           |
|               |                                     | PRIME    | kVA     | 30                        | 50         | 60            | 74         | 90          | 100         | 120         | 125           |
|               |                                     |          | kW      | 24                        | 40         | 48            | 59,2       | 72          | 80          | 96          | 100           |
| DIESEL ENGINE | BRAND                               |          |         | FPT IVECO                 |            |               |            |             |             |             |               |
|               | MODEL                               |          |         | S8000 AM1                 | N45 AM2    | N45 SM1A      | N45 SM2A   | N45 SM3     | N45 TM2A    | N45 TM3     | N67 SM1       |
|               | ENGINE POWER                        |          | kW      | 29,4                      | 50         | 60            | 72         | 88          | 96          | 118         | 123           |
|               | ENGINE RPM                          |          | rpm     | 1500                      |            |               |            |             |             |             |               |
|               | STROKE                              |          |         | 4                         | 4          | 4             | 4          | 4           | 4           | 4           | 4             |
|               | TOTAL DISPLACEMENT                  |          | liter   | 2,9                       | 4,5        | 4,5           | 4,5        | 4,5         | 4,5         | 4,5         | 6,7           |
|               | NUMBER OF CYLINDER AND ORDER        |          |         | 3 L                       | 4 L        |               |            |             |             |             |               |
|               | BORE x STROKE                       |          | mm x mm | 104 x 115                 | 104 x 132  | 104 x 132     | 104 x 132  | 104 x 132   | 104 x 132   | 104 x 132   | 104 x 132     |
|               | GOVERNOR TYPE                       |          |         | MECHANICAL                |            |               |            |             |             |             |               |
|               | INTAKE SYSTEM                       |          |         | TAA                       | NATURAL    | TURBO CHARGED |            |             | TAA         |             | TURBO CHARGED |
|               | INJECTION TYPE                      |          |         | HEAVY DUTY<br>COMMON RAIL | DIRECT     | DIRECT        |            |             | DIRECT      |             | DIRECT        |
|               | COOLING SYSTEM                      |          |         | LIQUID                    |            |               |            |             |             |             |               |
|               | ENGINE OIL CAPACITY                 |          |         | 8.8                       | 12,8       | 12,8          | 12,8       | 12,8        | 12,8        | 12,8        | 17,2          |
|               | ENGINE WATER CAPACITY               |          |         | 20                        | 18,5       | 18,5          | 18,5       | 18,5        | 18,5        | 18,5        | 40,5          |
| ALTERNATOR    | BRAND                               |          |         | MARANELLO                 |            |               |            |             |             |             |               |
|               | MODEL                               |          |         | M33                       | M55        | M66           | M88        | M110        | M110        | M135        | M150          |
|               | OUTPUT VOLTAGE                      |          | V       | 230/400                   |            |               |            |             |             |             |               |
|               | FREQUENCY                           |          | Hz.     | 50                        |            |               |            |             |             |             |               |
|               | AUTOMATIC VOLTAGE REGULATION        |          |         | ± %0,5                    |            |               |            |             |             |             |               |
| DIMENSIONS    | LENGTH WITHOUT CANOPY (WITH CONPY)  |          | cm.     | 180 (230)                 | 180 (230)  | 180 (230)     | 210 (280)  | 210 (280)   | 210 (280)   | 210 (280)   | 210 (280)     |
|               | WIDTH WITHOUT CANOPY (WITH CANOPY)  |          | cm.     | 90 (90)                   | 90 (90)    | 90 (90)       | 110 (110)  | 110 (110)   | 110 (110)   | 110 (110)   | 110 (110)     |
|               | HEIGHT WITHOUT CANOPY (WITH CANOPY) |          | cm.     | 142 (172)                 | 142 (172)  | 142 (172)     | 165 (183)  | 165 (183)   | 165 (183)   | 165 (183)   | 165 (183)     |
|               | UNIT WEIGHT (WITH CANOPY)           |          | kg.     | 792 (1120)                | 859 (1187) | 892 (1250)    | 944 (1282) | 1452 (2135) | 1550 (2250) | 1590 (2290) | 1600 (2300)   |



## GPI Model Diesel Generator Technical Features - 2

| MODEL         |                                     |          | GPI185  | GPI220      | GPI275      | GPI330      | GPI385      | GPI440      | GPI550                   | GJ660                         |             |
|---------------|-------------------------------------|----------|---------|-------------|-------------|-------------|-------------|-------------|--------------------------|-------------------------------|-------------|
| GROUP         | POWER<br>Power Factor               | STAND BY | kVA     | 185         | 220         | 275         | 330         | 385         | 440                      | 550                           | 660         |
|               |                                     |          | kW      | 148         | 176         | 220         | 264         | 308         | 352                      | 440                           | 528         |
|               |                                     | PRIME    | kVA     | 165         | 200         | 250         | 300         | 350         | 400                      | 500                           | 600         |
|               |                                     |          | kW      | 132         | 160         | 200         | 240         | 280         | 320                      | 400                           | 480         |
| DIESEL ENGINE | BRAND                               |          |         | FPT IVECO   |             |             |             |             |                          |                               |             |
|               | MODEL                               |          |         | N67 TM4     | N67 TM7     | C87 TE3     | C87 TE4     | C13 TE2A    | C13 TE3A                 | CR13 TE7W                     | C16 TE1W    |
|               | ENGINE POWER                        |          | kW      | 165         | 194         | 242         | 290         | 339         | 387                      | 484                           | 580         |
|               | ENGINE RPM                          |          | rpm     | 1500        |             |             |             |             |                          |                               |             |
|               | STROKE                              |          |         | 4           | 4           | 4           | 4           | 4           | 4                        | 4                             | 4           |
|               | TOTAL DISPLACEMENT                  |          | liter   | 6,7         | 8,7         | 8,7         | 12,9        | 12,9        | 12,9                     | 12,9                          | 17          |
|               | NUMBER OF CYLINDER AND ORDER        |          |         | 6 L         |             |             |             |             |                          |                               |             |
|               | BORE x STROKE                       |          | mm x mm | 104 x 132   | 104 x 132   | 117 x 135   | 117 x 135   | 135 x 150   | 135 x 150                | 135 x 150                     | 141 x 170   |
|               | GOVERNOR TYPE                       |          |         | MECHANICAL  |             | COMMON RAIL | ELECTRONIC  | COMMON RAIL | ELECTRONIC UNIT INJECTOR | DIRECT ELECTRONIC COMMON RAIL | COMMON RAIL |
|               | INTAKE SYSTEM                       |          |         | TAA         |             | TAA         |             |             |                          |                               |             |
|               | INJECTION TYPE                      |          |         | DIRECT      |             | DIRECT      |             |             |                          |                               |             |
|               | COOLING SYSTEM                      |          |         | LIQUID      |             | LIQUID      |             |             |                          |                               |             |
|               | ENGINE OIL CAPACITY                 |          |         | 17,2        | 17,2        | 23          | 28          | 35          | 35                       | 32                            | 32          |
|               | ENGINE WATER CAPACITY               |          |         | 25,5        | 25,5        | 43          | 43          | 67          | 67                       | 38,1                          | 38,1        |
| ALTERNATOR    | BRAND                               |          |         | MARANELLO   |             |             |             |             |                          |                               |             |
|               | MODEL                               |          |         | M194        | M220        | M275        | M330        | M400        | M450                     | M550                          | M660        |
|               | OUTPUT VOLTAGE                      |          | V       | 230/400     |             |             |             |             |                          |                               |             |
|               | FREQUENCY                           |          | Hz.     | 50          |             |             |             |             |                          |                               |             |
|               | AUTOMATIC VOLTAGE REGULATION        |          |         | ± %0,5      |             |             |             |             |                          |                               |             |
| DIMENSIONS    | LENGTH WITHOUT CANOPY (WITH CONPY)  |          | cm.     | 280 (280)   | 282 (280)   | 284 (280)   | 310 (420)   | 310 (420)   | 310 (420)                | 350 (460)                     | 350 (460)   |
|               | WIDTH WITHOUT CANOPY (WITH CANOPY)  |          | cm.     | 120 (120)   | 120 (120)   | 120 (120)   | 150 (150)   | 150 (150)   | 150 (150)                | 180 (180)                     | 180 (180)   |
|               | HEIGHT WITHOUT CANOPY (WITH CANOPY) |          | cm.     | 172 (183)   | 172(183)    | 172(183)    | 190 (258)   | 190 (258)   | 190 (258)                | 217 (281)                     | 217 (281)   |
|               | UNIT WEIGHT (WITH CANOPY)           |          | kg.     | 2100 (2745) | 2140 (2805) | 2140 (2805) | 3004 (4404) | 3240 (4640) | 3526 (4826)              | 4070 (5090)                   | 4190 (5150) |

# GPW-X<sup>250 kVA</sup> <sup>1385 kVA</sup>

## Model Diesel - XENIC Engines

Quality ,Technology , Economy

One of the biggest factories in **China**



## GPW-X Model Diesel Generator Technical Features - 1

| MODEL         |                                     |          | GPW250X | GPW300X         | GPW350X    | GPW420X    | GPW520X    | GPW550X    | GPW580X    | GPW630X    |            |
|---------------|-------------------------------------|----------|---------|-----------------|------------|------------|------------|------------|------------|------------|------------|
| GROUP         | POWER<br>Power Factor               | STAND BY | kVA     | 250             | 300        | 350        | 420        | 520        | 550        | 580        | 630        |
|               |                                     |          | kW      | 200             | 240        | 280        | 336        | 416        | 440        | 464        | 504        |
|               |                                     | PRIME    | kVA     | 225             | 270        | 315        | 380        | 470        | 500        | 525        | 570        |
|               |                                     |          | kW      | 180             | 216        | 252        | 304        | 376        | 400        | 420        | 456        |
| DIESEL ENGINE | BRAND                               |          |         | XENIC           |            |            |            |            |            |            |            |
|               | MODEL                               |          |         | TAD830GE        | TAD831GE   | TAD1332GE  | TAD1333GE  | TAD1534GE  | TAD1534GE  | TAD2636GE  | TAD2637GE  |
|               | PRIME POWER                         |          | kW      | 227             | 263        | 310        | 370        | 450        | 450        | 510        | 550        |
|               | TYPE                                |          |         | DIRECT INJECTOR |            |            |            |            |            |            |            |
|               | CYLINDER VOLUME                     |          | liter   | 8,27            | 8,27       | 13         | 13         | 13         | 13         | 26         | 26         |
|               | NUMBER OF CYLINDER AND ORDER        |          |         | 6               |            |            |            |            |            | 12         |            |
|               | ASPIRATION                          |          |         | ACC             |            |            |            |            |            |            |            |
|               | COOLING SYSTEM                      |          |         | WATER           |            |            |            |            |            |            |            |
|               | BORE X STROKE                       |          | mm x mm | 114 x 114       | 114 x 114  | 135 x 150  | 135 x 160  | 135 x 160  | 135x165    | 135 x155   | 135x155    |
|               | GOVERNOR CLASS                      |          |         | ELECTRONIC      |            |            |            |            |            |            |            |
|               | FUEL COMP. AT FULL LOAD             |          | g/kWh   | 198             | 198        | 200        | 200        | 200        | 200        | 210        | 205        |
|               | OIL CAPACITY                        |          | liter   | 22              | 22         | 35         | 35         | 36         | 38         | 53         | 53         |
|               | WATER CAPACITY                      |          | liter   | 90              | 92         | 120        | 125        | 135        | 140        | 180        | 180        |
|               | BATTERY CAPACITY                    |          | A       | 2x105           | 2x105      | 4x105      | 4x105      | 4x105      | 4x105      | 4x200      | 4x200      |
| ALTERNATOR    | BRAND                               |          |         | MARANELLO       |            |            |            |            |            |            |            |
|               | MODEL                               |          |         | M250            | M300       | M350       | M430       | M450       | M550       | M590       | M660       |
|               | OUTPUT VOLTAGE                      |          | V       | 230/400         |            |            |            |            |            |            |            |
|               | FREQUENCY                           |          | Hz.     | 50              |            |            |            |            |            |            |            |
|               | AUTOMATIC VOLTAGE REGULATION        |          |         | ± %0,5          |            |            |            |            |            |            |            |
| DIMENSIONS    | LENGTH WITHOUT CANOPY (WITH CONPY)  |          | cm.     | 280(280)        | 310(420)   | 280(280)   | 310(420)   | 310(420)   | 350(460)   | 400(470)   | 350(460)   |
|               | WIDTH WITHOUT CANOPY (WITH CANOPY)  |          | cm.     | 150(150)        | 150(150)   | 150(150)   | 150(150)   | 150(150)   | 150(150)   | 180(220)   | 150(150)   |
|               | HEIGHT WITHOUT CANOPY (WITH CANOPY) |          | cm.     | 172(258)        | 196(258)   | 172(258)   | 190(258)   | 190(258)   | 217(281)   | 210(240)   | 220(281)   |
|               | UNIT WEIGHT (WITH CANOPY)           |          | kg.     | 2113(3100)      | 2900(4004) | 3004(4404) | 3441(4406) | 3526(4426) | 4070(5094) | 4800(5500) | 4188(5095) |



## GPW-X Model Diesel Generator Technical Features - 2

| MODEL         |                                     |          | GPW700X | GPW750X         | GPW850X    | GPW1000X   | GPW1100X    | GPW1250X    | GPW1385X    |             |  |
|---------------|-------------------------------------|----------|---------|-----------------|------------|------------|-------------|-------------|-------------|-------------|--|
| GROUP         | POWER<br>Power Factor               | STAND BY | kVA     | 700             | 750        | 850        | 1000        | 1100        | 1250        | 1385        |  |
|               |                                     |          | kW      | 560             | 600        | 680        | 800         | 880         | 1000        | 1108        |  |
|               |                                     | PRIME    | kVA     | 630             | 680        | 770        | 900         | 1000        | 1136        | 1250        |  |
|               |                                     |          | kW      | 504             | 544        | 616        | 720         | 800         | 908         | 1000        |  |
| DIESEL ENGINE | BRAND                               |          |         | XENIC           |            |            |             |             |             |             |  |
|               | MODEL                               |          |         | TAD2638GE       | TAD2839GE  | TAD2840GE  | TAD2841GE   | TAD3342GE   | TAD3343GE   | TAD3344GE   |  |
|               | PRIME POWER                         |          | kW      | 610             | 660        | 780        | 936         | 960         | 1090        | 1180        |  |
|               | TYPE                                |          |         | DIRECT INJECTOR |            |            |             |             |             |             |  |
|               | CYLINDER VOLUME                     |          | liter   | 26              | 28         | 28         | 28          | 33          | 33          | 33          |  |
|               | NUMBER OF CYLINDER AND ORDER        |          |         | 12              |            |            |             |             |             |             |  |
|               | ASPIRATION                          |          |         | ACC             |            |            |             |             |             |             |  |
|               | COOLING SYSTEM                      |          |         | WATER           |            |            |             |             |             |             |  |
|               | BORE X STROKE                       |          | mm x mm | 135 x 155       | 135 x 155  | 138 x 158  | 138 x 165   | 138x168     | 138 x168    | 138x168     |  |
|               | GOVERNOR CLASS                      |          |         | ELECTRONIC      |            |            |             |             |             |             |  |
|               | FUEL COMP. AT FULL LOAD             |          | g/kWh   | 202             | 202        | 202        | 198         | 196         | 196         | 196         |  |
|               | OIL CAPACITY                        |          | liter   | 53              | 55         | 55         | 55          | 61          | 61          | 61          |  |
|               | WATER CAPACITY                      |          | liter   | 180             | 190        | 190        | 190         | 192         | 195         | 202         |  |
|               | BATTERY CAPACITY                    |          | A       | 4x200           | 4x200      | 4x200      | 4x200       | 4x200       | 4x200       | 4x200       |  |
| ALTERNATOR    | BRAND                               |          |         | MARANELLO       |            |            |             |             |             |             |  |
|               | MODEL                               |          |         | M700            | M750       | M850       | M1000       | M1100       | M1250       | M1350       |  |
|               | OUTPUT VOLTAGE                      |          | V       | 230/400         |            |            |             |             |             |             |  |
|               | FREQUENCY                           |          | Hz.     | 50              |            |            |             |             |             |             |  |
|               | AUTOMATIC VOLTAGE REGULATION        |          |         | ± %0,5          |            |            |             |             |             |             |  |
| DIMENSIONS    | LENGTH WITHOUT CANOPY (WITH CONPY)  |          | cm.     | 335(606)        | 335(606)   | 390(605)   | 465(605)    | 465(605)    | 465(605)    | 465(605)    |  |
|               | WIDTH WITHOUT CANOPY (WITH CANOPY)  |          | cm.     | 210(244)        | 210(244)   | 210(243)   | 210(243)    | 210(243)    | 210(243)    | 190(243)    |  |
|               | HEIGHT WITHOUT CANOPY (WITH CANOPY) |          | cm.     | 220(259)        | 220(259)   | 222(259)   | 255(259)    | 255(259)    | 255(259)    | 255(289)    |  |
|               | UNIT WEIGHT (WITH CANOPY)           |          | kg.     | 5072(7452)      | 6604(8414) | 7264(9014) | 9303(11053) | 9608(11358) | 9608(11358) | 9722(15220) |  |

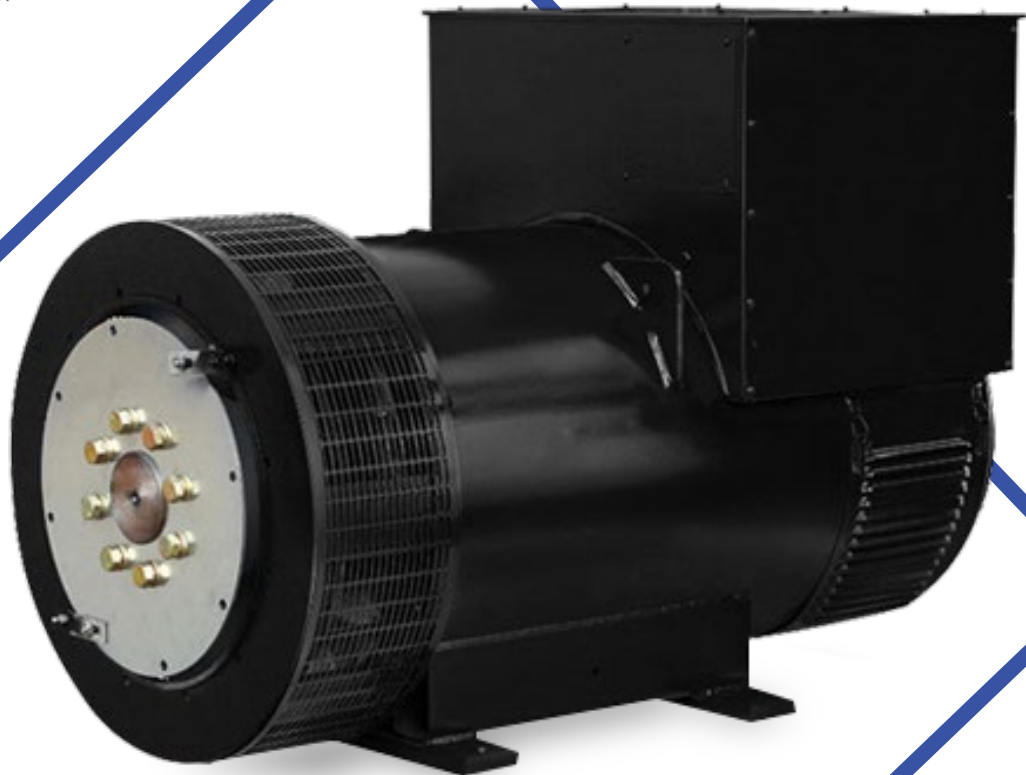
# ALTERNATOR

Maranello alternator has been started to produce in Istanbul since 2007 . All parts of the Maranello Alternators are manufacturing in Turkey with TSE Quality Certified, and approved by CE certified company by the European Union and has certified ISO 9001: 2008, ISO 1004: 2004, OHSAS 18001: 2007

Maranello alternators has been tested and approved by authorized firm which Turkak accredited test laboratory according to the described in the technical specifications section of the generator in Turkey . This approval riveted and the certificiated an organization approved by the European Union also.

Maranello Alternators pass the competitors by with quality and organizational structure. So Maranello Alternators preferred by well-known generator manufacturers in Turkey and in the World.

Maranello Alternators create alternatives for special projects by the choice of different voltage and frekans and the choice of single and double bearing.



# AMF PANEL



AMF means AUTOMATIC MAINS FAILURE (or A.M.F.). It is about a controller fitted on a panel for the Automatic Control of Standby Generator: AMF Control Panel or simply AMF Panel. The AMF panel fitted with an AMF controller such as DKG309, D500, D700 or Deepsea 7320 etc. manages, in a fully automatic way, the connection assignment of the LOAD to MAINS or GENERATOR.



# ATS PANEL

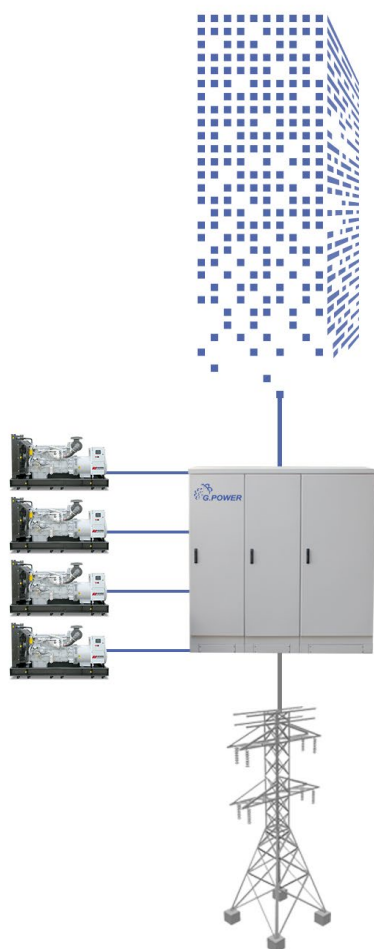
G.POWER automatic transfer switches are reliable, rugged, versatile, and compact assemblies for transferring essential loads and electrical distribution systems from one power source to another. G.POWER's contactor-based transfer switch is rated 40–3600A and can be supplied in separate enclosures for stand-alone applications or can be supplied as an integral component. Contactors inside the ATS panels are well known and internationally recognized brands such as ABB, SCHNEIDER, HYUNDAI and ANDELI.



# SYNCHRONISATION

For higher energy requirements the synchronisation of two or more lower capacity generators instead a high power generator provides following advantages;

- Lower cost
- Flexible usage
- Low fuel consumption and cost effectiveness
- Safety usage
- Easy to maintain and service



## Field of Application

- Multiple genset synchronisation for higher standby power
- Multiple generator synchronisation for higher prime power
- Generator -network synchronisation for soft transfer
- Synchronised operation with the electricity network
- Synchronisation of genset starting from two genset to 8 genset to more than one network

# SOUNDPROOF

- Container type cabin production
- Modular type cabin production
- 65-75 db. noise isolation
- Anti - vibration system
- Special design for
- Apparatus for
- Insulated
- Hidden
- Emergency
- Spacial pain
- Modern designs
- Easy use, and easy maintenance
- Chemically treated and





# MARINE MARINE

G.POWER Marine diesel generator sets are being produced by assembling and installation of international qualified and certified engines-equipments.

G.POWER generator uses the best engine of world for all gen-set. Customer satisfaction is extremely important to us. We provide your business development with a professional staff. A result of our experts we creates the best gen-set for you. We back up our gen-set with services that help you grow your business. Our services are brought to life by the professionals in our extensive network, who can provide you with solutions that support, strengthen and grow your business.



# LIGHTING TOWERS

- Easy install and start up
- 4x1000 Watt or 8x1000 Watt metal halide or led lamps
- Optional hydraulic tower
- 1500 rpm / minute motor
- Silient type
- 360° rotative
- Manuel crane (optional automatic crane)
- Tower-lock safety mechanism
- Hydraulic telescobic stands
- Easy to carry



# SPECIAL PRODUCT

Because of special demands to the installation and application of generator sets onsite, customers need customized generator sets or generator systems, special size, tanks capacity, output power, input and output connections and so on. In all the cases G.POWER amends regular generator sets or designs new sets and power supply systems.

Throughfull customization of power equipment under special user requests is one of the strong point of G.POWER GENERATOR.

## FIELDS OF USAGE

- Military projects
- Telecom projects
- Goverment /Ministry projects
- Special production for different requirement



# SPARE PARTS

G.POWER Generator recommends you to use original spare parts for your generator sets. Even original spare parts are a little more expensive, in long term, it gives you an advantage on cost.

## FIELDS OF USAGE

- Engine spare parts
- Alternator spare parts
- Electrical spare parts
- Generator set spare parts





#### **SALES OFFICE**

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