

## OUTPUT RATINGS

| Model               |             | <b>GSG-550S</b>     | <b>GSG-625S</b> | <b>GSG-700S</b> | <b>GSG-750S</b> | <b>GSG-880S</b> | <b>GSG-1100S</b> |
|---------------------|-------------|---------------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Standby Power (ESP) | kVA / kW    | 550 / 440           | 620 / 496       | 688 / 550       | 742 / 594       | 880 / 704       | 1100 / 880       |
| Prime Power (PRP)   | kVA / kW    | 500 / 400           | 564 / 451       | 625 / 500       | 675 / 540       | 800 / 640       | 1000 / 800       |
| Current (ESP)       | A           | 793                 | 894             | 991             | 1070            | 1270            | 1587             |
| Voltage - Frequency | V - Hz      | 400 / 230 V - 50 Hz |                 |                 |                 |                 |                  |
| Phase Qty - P.F.    | Unit - Cosφ | 3 Phase - Cosφ 0,8  |                 |                 |                 |                 |                  |

## ENGINE SC STAR SERIES

| Engine Make & Model   |           | SC13H516E                  | SC26H571E | SC26H612E | SC26H680E | SC28H843E | SC28H1100E |
|-----------------------|-----------|----------------------------|-----------|-----------|-----------|-----------|------------|
| Mech. Stand by Power  | kW / (HP) | 450 / 603                  | 510 / 683 | 550 / 737 | 610 / 818 | 720 / 965 | 936 / 1254 |
| Air Intake System     |           | Turbocharger & Aftercooler |           |           |           |           |            |
| Cylinder Volume       | L         | 13                         | 26,0      | 26,0      | 26,0      | 28,0      | 28,0       |
| Cylinder Qty / Type   |           | 6 / Line                   | 12 / V    | 12 / V    | 12 / V    | 12 / V    | 12 / V     |
| Bore & Stroke         | MM x MM   | 135 x 165                  | 135 x 150 | 135 x 155 | 135 x 155 | 138 x 158 | 138 x 165  |
| Compression Ratio     |           | 17:1                       | 17:1      | 17:1      | 16:1      | 16:1      | 16:1       |
| Governing Type        |           | Electronic                 |           |           |           |           |            |
| Engine Speed          | RPM       | 1500                       |           |           |           |           |            |
| Cooling Method        |           | Water                      |           |           |           |           |            |
| Cooling Sys. Capacity | L         | 70                         | 84        | 84        | 84        | 84        | 84         |
| Oil Capacity          | L         | 35                         | 58        | 58        | 58        | 58        | 61         |
| Electrical System     | V DC      | 24                         | 24        | 24        | 24        | 24        | 24         |
| Fuel Consumption      |           |                            |           |           |           |           |            |
| 100 % Prime Load      | L / H     | 101                        | 116       | 129       | 137       | 165       | 205        |
| 75 % Prime Load       | L / H     | 77                         | 87        | 98        | 107       | 123       | 153        |
| 50 % Prime Load       | L / H     | 53                         | 59        | 68        | 71        | 87        | 109        |
| Fuel tank Capacity    | L         | 750                        | 1050      | 1050      | 1250      | 1250      | 1650       |

## ALTERNATOR

| Alternator Make & Model |     | GENSTAR                    |     |     |     |     |      |
|-------------------------|-----|----------------------------|-----|-----|-----|-----|------|
| Alternator Type         |     | Electronic AVR - Brushless |     |     |     |     |      |
| Standby Power (ESP)     | kVA | 550                        | 620 | 688 | 742 | 880 | 1100 |
| Voltage Regulation      |     | +/- 1.0                    |     |     |     |     |      |
| Insulation / Protection |     | H / IP 21                  |     |     |     |     |      |
| Pole Quantity           |     | 4                          |     |     |     |     |      |

## DIMENSIONS AND WEIGHTS

| Open Type     | LxWxH - M. | 3,25 x 1,3 x 2    | 3,75 x 1,7 x 2,3 | 3,75 x 1,7 x 2,3 | 3,75 x 1,7 x 2,4 | 3,75 x 1,7 x 2,4 | 4,5 x 1,8 x 2,4 |
|---------------|------------|-------------------|------------------|------------------|------------------|------------------|-----------------|
| Weight        | KG.        | 3500              | 4050             | 4200             | 4500             | 4800             | 5200            |
| Canopied Type | LxWxH - M. | 4,25 x 1,6 x 2,45 | 4,5 x 2 x 2,6    | 4,5 x 2 x 2,6    | 4,75 x 2 x 2,75  | 4,75 x 2 x 2,75  | 5 x 2 x 2,75    |
| Weight        | KG.        | 4100              | 4900             | 4950             | 5400             | 5700             | 6200            |

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.