

# GENERATING SET GE 100 S EAS - SX EAS

- Air cooled diesel engine
- Engine protection (oil pressure/temperature/fan belt) with siren
- Hour meter
- Three ammeter, voltmeter, frequency meter
- Circuit breaker overload protection
- Lifting eyes
- Complies with all EEC safety and noise directives
- Prepared for connection to automatic transfer unit



| Standard equipment |                        |                              |                  |                          |              |                   |                 |                  |                  |                               |                       |
|--------------------|------------------------|------------------------------|------------------|--------------------------|--------------|-------------------|-----------------|------------------|------------------|-------------------------------|-----------------------|
|                    | Diesel engine          | Air cooling                  | Electric starter | Battery 12V              | Hour counter | Engine protection | Siren           | Fuel level gauge | Lifting eyes     |                               |                       |
|                    |                        |                              |                  |                          |              |                   |                 |                  |                  |                               |                       |
|                    | Synchronous alternator | Electronic voltage regulator | Voltmeter        | Voltmeter phase selector | Ammeter      | Frequency meter   | Circuit breaker | Terminal strip   | Ready for EAS/TC | Start local / Remote selector | Emergency stop button |

- To be required with the order**
- Isometer kit
  - Electronic differential relay
  - OH5 eater Kit

- Options on request**
- Earthing Kit MT25
  - Automatic transfer unit EAS110
  - Remote control TCM 40
  - Site tow CTL50

| Technical data  |  | GE 100 S EAS   | GE 100 SX EAS           |
|---|--|--|-------------------------|
| A.C. GENERATION   |  | 50 Hz, synchronous, three-phase, self-excited, self-regulated, brushless |                         |
| *Three-phase generation (stand-by)  |  | 93.5 kVA (74.8 kW)/ 400 V / 135 A  |                         |
| *Three-phase generation (P.R.P.)  |  | 85 kVA (68 kW)/ 400 V / 123 A  |                         |
| Single-phase generation   |  | 31 kVA / 230 V / 135 A   |                         |
| Power factor (cos φ)  |  | 0.8  |                         |
| Insulating class φ  |  | H  |                         |
| On request other voltages and frequencies (60 Hz) * Output according to ISO 8528-1                                |  |  |                         |
| ENGINE  |  | Diesel, 4-stroke, air cooled   |                         |
| Type  |  | VM SUN 6105 TE   |                         |
| Output *  |  | 88 kW (120 HP)   |                         |
| Speed   |  | 1500 rpm   |                         |
| Displacement  |  | 5975 cm <sup>3</sup>   |                         |
| Cylinders   |  | 6  |                         |
| Fuel consumption  |  | 210 g/kWh  |                         |
| * Maximum output according to ISO 3046/1  |  |  |                         |
| GENERAL SPECIFICATIONS  |  |  |                         |
| Tank capacity   |  | 130 l  |                         |
| Running time (Load 75%)   |  | 9 h  |                         |
| Protection  |  | IP 44  |                         |
| Dimensions Lxwxh (mm)*  |  | 2700x900x1900  |                         |
| Weight *  |  | 1650 kg  | 1750 kg                 |
| Noise level**   |  | 97 LWA (72 dB(A) - 7 m)  | 90 LWA (65 dB(A) - 7 m) |
| * Dimensions and weight are inclusive of all parts without wheels and towbar ** LWA conforms to EEC Directive 536 |  |  |                         |

Values shown are nominal values. For further information please contact the sales department.