ISO 9001:2000 - Cert. 0192

97/68/CE Stage II

LWA 2000 / 14 / CE

# GENERATING SET
# GE 65 PSX EAS - GE 65 PMSX EAS

- PERKINS water cooled diesel engine - 1500 rpm
- EP6 engine protection
- GE 65 PSX – STAMFORD three-phase synchronous alternator
- GE 65 PMSX – MARELLI three-phase synchronous alternator
- Electronic voltage regulation
- Four pole circuit breaker
- Super silenced
- Bunded base
- Trailer (option)
- Ready for connection to automatic transfer unit
- Meets EC directives for safety and noise level

**Standard Equipment**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diesel engine | Water cooling | Battery 12V | Fuel level gauge | EP6 Engine protection | Electric Starter | [OIL] low press. shut down | [°C] high water shut down | [Hi H] Fuel level gauge /low fuel indicator | [FUEL] low fuel Shut down | [bELt] Battery charge indicator |
| | | | | | Rpm-meter | Hours-meter | Battery Voltmeter | Voltmeter | Frequency-meter | Remote start |
| Synchronous alternator | Automatic Voltage Regulator | Circuit Breaker | Terminal block | Ammeter | Voltmeter phase selector | Emergency stop button | Siren | Ready for EAS/TCM | Interruttore Start local / Remote | Central lifting eye |

**Factory installation options**

- Electrical panel with sockets :1x400V 125A 3P+N+T CEE - 1x400V 63A 3P+N+T CEE - 1x400V 32A 3P+N+T CEE - 1x400V 16A 3P+N+T CEE - 2 x 230V 16A 2P+T CEE
The electrical panel requires an electrical protection : ELR-Earth Leakage Relay (GFI) or Isometer (Insulation monitors)
- Socket : 1x400V 125A 3P+N+T CEE
- ELR-Earth Leakage Relay (GFI)
- Isometer (Insulation monitors)
- Radio-control
- Volt and Hz adjustable from control panel
- Gauges – water temperature and oil pressure
- Water heater WH
- Automatic fuel transfer pump
- Cold start aid
- Blow-by (gases oil) separator filter
- Spark arrestor
- 3-way valve fuel system with quick connection for external fuel tank supply

**Options on request**

- 400 plugs
- 230 plugs
- Automatic transfer unit (AMF) EAS 76-805
- Remote control TCM35
- Earthing kit
- Adjustable site tow CTLR35
- Site tow CTL35

## Technical Data

| Technical Data | GE 65 PSX EAS | GE 65 PMSX EAS |
|---|---|---|
| **A.C GENERATION – 50 Hz** | **Three-phase syncronous alternator, self-excited, self-regulated, brushless** | |
| *** Stand-by three-phase power** | 66 kVA (52.8 kW) / 400 V / 95.2 A | |
| *** P.R.P. three-phase power** | 60 kVA (48 kW) / 400 V / 86.6 A | |
| *** P.R.P. single-phase power** | 22 kVA / 230 V / 95.6 A | |
| **Cos φ** | 0.8 | |
| **Insulation class** | H | |
| *Output powers according to ISO 8528-1 | | |
| **ENGINE** | **4-stroke diesel, turbocharged, direct injection, water cooled** | |
| **Model** | PERKINS 1104C-44TG3 | |
| *** Stand-By net power** | 59.3 kW (80.6 HP) | |
| *** P.R.P. net power** | 53.7 kW (73 HP) | |
| **Cylinders/ Displacement** | 3/ 4.4 l (4400 $cm^3$) | |
| **Speed** | 1500 rpm | |
| **Fuel consumption (75% of P.R.P.)** | 11.9 l/h (214 g/kWh) | |
| * Powers according to ISO 3046-1 | | |
| **GENERAL SPECIFICATION** | | |
| **Tank capacity** | 102 l | |
| **Running time (75% of P.R.P.)** | 8.5 h | |
| **IP protection degree** | IP 44 | |
| ***Dimensions LxWxh (mm)** | 2490x1030x1480 | |
| ***Dry weight** | 1330 kg | 1280 kg |
| ****Measured acoustic power LwA (pressure LpA)** | 91 dB(A) (66 dB(A) @ 7 m) | |
| ****Guaranteed acoustic power LwA (pressure LpA)** | 92 dB(A) (67 dB(A) @ 7 m) | |

* Dimensions and weight without trolley/trailer. ** Acoustic power according to European Directive 2000/14/EC

**Mosa reserves the right to change this specification without notice. For further information please contact the sales department**


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