











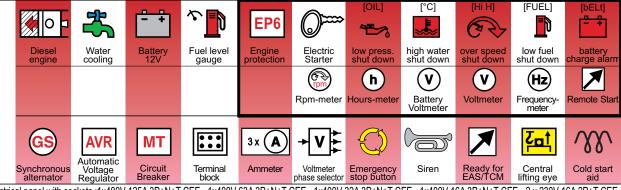


GENERATING SET **GE 145 PS EAS - GE 145 PMS EAS GE 145 PSX EAS - GE 145 PMSX EAS**

- PERKINS water cooled diesel engine 1500 rpm
- Common-rail engine with electronic governor
- **EP6** engine protection
- GE 145 PS/PSX STAMFORD three-phase synchronous alternator
- GE 145 PMS/PMSX MARELLI three-phase synchronous alternator
- Four pole circuit breaker
- Oil drain pump
- **Bunded base**
- Ready for connection to automatic transfer unit
- Meets EC directives for safety and noise level







Factory installation

● 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)

- 50/60 Hz Selector
- Earth Leakage Relay
- Isometer (Insulation monitors)
- Radio-control
- Permanent Magnet Generator
- Volt and Hz adjustable from control panel
- Gauges water temperature and oil pressure
- Water heater WH •
- Automatic fuel transfer pump (delivered loose)
- Fuel tank 120l
- Fuel tank 350l
- 3-way valve fuel system with quick connection for external fuel tank supply

on request



- 230 plugs
- Automatic transfer unit (AMF) EAS 170-805
- Remote control TCM35
- Earthing kit

Version 🕟 on request

24 h autonomy

Technical Data

GE 145 PS/PMS EAS

GE 145 PSX/PMSX EAS Three-phase syncronous alternator, self-excited, self-regulated, brushless

A.C GENERATION - 50 Hz

- * Stand-by three-phase power
- * P.R.P. three-phase power
- * P.R.P. single-phase power

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Insulation class

* Output powers according to ISO 8528-1

152 kVA (121.6 kW) / 400 V / 219.4 A 137 kVA (109.6 kW) / 400 V / 197.7 A 50 kVA / 230 V / 217.4 A 8.0 Н

ENGINE

Model * Stand-By net power

* P.R.P. net power

Cylinders/ Displacement

Speed

Fuel consumption (75% of P.R.P.)

* Powers according to ISO 3046-1

4-stroke diesel, common rail, turbocharged-air to air charge cooled, direct injection, water cooled PERKINS 1106C-E66TAG2

132.9 kW (180.7 HP) 119.5 kW (162.5 HP) 6/ 6.6 I (6600 cm³) 1500 rpm 24.3 l/h

GENERAL SPECIFICATION

Tank capacity 230 I Running time (75% of P.R.P.) 9.5 h **IP 44** IP protection degree

3000x1200x1800 *Dimensions LxWxh (mm) 2130 / 2060 Kg 2200 / 2130 Kg *Dry weight **Measured acoustic power LwA (pressure LpA) 95 dB(A) (70 dB(A) @ 7 m) **Guaranteed acoustic power LwA (pressure LpA) 96 dB(A) (71 dB(A) @ 7 m)

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

3400x1200x1800 93 dB(A) (68 dB(A) @ 7 m) 94 dB(A) (69 dB(A) @ 7 m)

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