

GENERATING SET GE 115 PSX EAS - GE 115 PMSX EAS

- PERKINS water cooled diesel engine - 1500 rpm
- Electronic governor
- EP6 engine protection
- GE 115 PSX – STAMFORD three-phase synchronous alternator
- GE 115 PMSX – MARELLI three-phase synchronous alternator
- 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



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|--------------------|------------------------|-----------------------------|-----------------|------------------|-------------------|--------------------------|-----------------------|----------------------|----------------------|---------------------|----------------------|
| Standard Equipment | | | | | | | | | | | |
| | Diesel engine | Water cooling | Battery 12V | Fuel level gauge | Engine protection | Electric Starter | low press. shut down | high water shut down | over speed shut down | low fuel shut down | battery charge alarm |
| | | | | | | 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 | Central lifting eye | Cold start aid |

- 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)
 - 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

- Options on request**
- 400 plugs
 - 230 plugs
 - Automatic transfer unit (AMF) EAS 111-805
 - Remote control TCM35
 - Earthing kit
 - Site tow CTL115
- Version on request**
- 24 h autonomy version

Technical Data

GE 115 PSX EAS

GE 115 PMSX EAS

A.C GENERATION – 50 Hz

Three-phase synchronous alternator, self-excited, self-regulated, brushless

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|------------------------------|---------------------------------|
| * Stand-by three-phase power | 110 kVA (88 kW) / 400 V / 159 A |
| * P.R.P. three-phase power | 100 kVA (80 kW) / 400 V / 144 A |
| * P.R.P. single-phase power | 36.5 kVA / 230 V / 159 A |
| Cos φ | 0.8 |
| Insulation class | H |

* Output powers according to ISO 8528-1

ENGINE

4-stroke diesel, turbocharged-air to air charge cooled , direct injection, water cooled

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|----------------------------------|----------------------------------|
| Model | PERKINS 1104C-44TAG2 |
| * Stand-By net power | 98 kW (133.3 HP) |
| * P.R.P. net power | 89 kW (121 HP) |
| Cylinders/ Displacement | 4/ 4.4 l (4400 cm ³) |
| Speed | 1500 rpm |
| Fuel consumption (75% of P.R.P.) | 17.1 l/h |

* Powers according to ISO 3046-1

GENERAL SPECIFICATION

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|--|---------------------------|
| Tank capacity | 230 l |
| Running time (75% of P.R.P.) | 13.5 h |
| IP protection degree | IP 44 |
| *Dimensions LxWxh (mm) | 2740x1200x1640 |
| *Dry weight | 1680 kg |
| **Measured acoustic power LwA (pressure LpA) | 96 dB(A) (71 dB(A) @ 7 m) |
| **Guaranteed acoustic power LwA (pressure LpA) | 97 dB(A) (72 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