MOSA

ISO 9001:2000 - Cert. 0192

97/68/CE Stage II

LWA 2000 / 14 / CE

GENERATING SET
GE 20 PSX - EAS

- Perkins water cooled diesel engine - 1500 rpm
- Closed crankcase ventilation
- EP6 engine protection
- Three-phase synchronous alternator
- Output sockets : 1 x 400V 32A 3P+N+T CEE
  1 x 230V 32A 2P+T CEE - 2 x 230V 16A 2P+T CEE
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Super silenced
- 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	Engine protection	Electric Starter	low press. shut down [OIL]	high water shut down [°C]	over speed shut down [Hi H]	low fuel Shut down [FUEL]	battery charge [bELt]
					Rpm-meter	Hours-meter	Battary Volt-meter	Volt-meter	Frequency-meter	Ammeter
Synchronous alternator	Automatic Voltage Regulator	Sockets 3~	Sockets 1~	ELCB-GFI	Circuit Breaker	Voltmeter phase selector	Emergency stop button	Ready for EAS/TCM	Local/remote start selector	Central lifting eye

Options on request

- 400V plug
- 230V plug
- Earthing kit
- Automatic transfer unit (AMF) EAS 28-805
- Remote control TCM35
- Tank locking cap
- Site tow CTL22
- Road trolley CTV1

Factory installation options

- Isometer (insulation monitoring)
- Gauges – water temperature and oil pressure
- Water heater WH

Version on request

- Schuko sockets version

Technical Data — GE 20 PSX - EAS

A.C GENERATION – 50 Hz	**Three-phase synchronous alternator, self-excited, self-regulated, brushless**
*** Stand-by three-phase power**	22 kVA (17.6 kW) / 400 V / 31.8 A
*** P.R.P. three-phase power**	20 kVA (16 kW) / 400 V / 28.9 A
*** P.R.P. single-phase powe**	7 kVA / 230 V / 30.4 A
Cos φ	0.8
Insulation class	H
* Output powers according to ISO 8528-1	
ENGINE	**4-stroke diesel, natural aspirated, indirect injection, water cooled**
Model	Perkins 404 D-22G
*** Stand-By net power**	20.3 kW (27.6 HP)
*** P.R.P. net power**	18.4 kW (25 HP)
Cylinders/ Displacement	4/ 2.216 l (2216 cm^3)
Speed	1500 rpm
Fuel consumption (75% of P.R.P.)	4 l/h
* Powers according to ISO 3046-1	
GENERAL SPECIFICATION	
Tank capacity	60 l
Running time (75% of P.R.P.)	15 h
IP protection degree	IP 23
***Dimensions LxWxh (mm)**	1720x980x1110
***Dry weight**	680 kg
****Measured acoustic power LwA (pressure LpA)**	90 dB(A) (65 dB(A) @ 7 m)
****Guaranteed acoustic power LwA (pressure LpA)**	91 dB(A) (66 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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