

GENERATING SET GE 20 PSX - MULTIVOLTAGE

- PERKINS water cooled diesel engine - 1500 rpm
- Closed crankcase ventilation
- EP6 engine protection
- Three-phase synchronous alternator
- Output : 22 kV/400V 3ph. or 15kVA/230V 1ph. or 15kVA 115V 1ph.
- Output sockets : 1 x 400V 32A 3P+N+T CEE - 1 x 230V 16A 2P+T CEE (400V position)
2 x 230V 32A 2P+T CEE - 1 x 230V 16A 2P+T CEE (230V position)
3 x 115V 32A 2P+T CEE - 2 x 115V 16A 2P+T CEE (115V position)
- 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	high water shut down	over speed shut down	low fuel shut down	battery charge alarm
	Synchronous alternator	Automatic Voltage Regulator	Voltage switch	Sockets	Sockets	ELCB-GFI	Circuit Breaker	Emergency stop button	Local/remote start selector	Ready for EAS/TCM	Central lifting eye

- Options on request**
- 400V plug
 - 230V plug
 - 115V 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**
- Water heater WH

Technical data

GE 20 PSX EAS MULTIVOLTAGE

A.C GENERATION – 50 Hz	Three-phase synchronous alternator, self-excited, self-regulated, brushless
* Stand-by three-phase power	22 kVA (17,6 kW) / 400V / 31.8A
* P.R.P. three-phase power	20 kVA (16 kW) / 400V / 28.9A
* Stand-by single-phase power	15 kVA / 230V / 65.2A
* P.R.P. single-phase power	13.5 kVA / 230V / 58.7A
* Stand-by single-phase power	15 kVA / 115V / 130.4A
* P.R.P. single-phase power	13.5 kVA / 115V / 117.4A
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 SPECIFICATIONS	
Tank capacity	60 l
Running time (75% of P.R.P.)	15 h
IP protection degree	IP 23
*Dimensions LxWxh (mm)	1720x980x1110 mm
*Dry weight	680 kg
**Measured acoustic power LwA (pressure LpA)	90 dB(A) (65 dB(A) @ 7m)
**Guaranteed acoustic power LwA (pressure LpA)	91 dB(A) (66 dB(A) @ 7m)
* 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.