

## GENERATING SET GE 55 PS EAS - GE 55 PMS EAS

- PERKINS water cooling diesel engine - 1500 rpm
- EP6 engine protection
- GE 55 PS – STAMFORD three-phase synchronous alternator
- GE 55 PMS – MARELLI three-phase synchronous alternator
- Output sockets : 1 x 400V 63A 3P+N+T CEE  
1 x 230V 16A 2P+T CEE
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Bunded base
- Trailer (option)
- Ready for connection to automatic transfer unit
- Meets EC directives for safety and noise level



Standard Equipment												
Factory installation options	<ul style="list-style-type: none"> <li>● Isometer (insulation monitoring)</li> <li>● Radio-control</li> </ul>				<ul style="list-style-type: none"> <li>● Gauges – water temperature and oil pressure</li> <li>● Blow-by gases oil separator filter</li> <li>● Oil drain pump</li> </ul>				<ul style="list-style-type: none"> <li>● Water heater WH</li> <li>● Cold start aid</li> </ul>			
Options on request	<ul style="list-style-type: none"> <li>● 400V plugs</li> <li>● 230V plugs</li> <li>● Earthing kit</li> </ul>				<ul style="list-style-type: none"> <li>● Automatic transfer unit (AMF) EAS 76-805</li> <li>● Remote control TCM35</li> <li>● Tank locking cap</li> </ul>				<ul style="list-style-type: none"> <li>● Site tow CTL35</li> <li>● Road Trolley CTV1</li> </ul>			

Technical data	GE 55 PS EAS	GE 55 PMS EAS
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<b>A.C. GENERATION - 50 Hz</b>	<b>Three-phase synchronous alternator, self-excited, self-regulated, brushless</b>	
* Stand-by three-phase power	51 kVA (40.8 kW) / 400 V / 73.6 A	
* P.R.P. three-phase power	46 kVA (36.8 kW) / 400 V / 66.4 A	
* P.R.P. single-phase power	17 kVA / 230 V / 73.9 A	
Cos φ	0.8	
Insulation class	H	
* Output powers according to ISO 8528-1		

<b>ENGINE</b>	<b>4-stroke diesel, turbocharged, direct injection, water cooled</b>	
Model	Perkins 1103C - 33TG3	
* Stand-By net power	45.6 kW (62 HP)	
* P.R.P. net power	40.9 kW (55.6 HP)	
Cylinders/ Displacement	3/ 3.3 l (3300 cm <sup>3</sup> )	
Speed	1500 rpm	
Fuel consumption (75% of P.R.P.)	8 l/h	
* Powers according to ISO 3046-1		

<b>GENERAL SPECIFICATION</b>		
Tank capacity	65 l	
Running time (75% of P.R.P.)	8.1 h	
IP protection degree	IP 23	
*Dimensions LxWxh (mm)	2030x870x1130	
*Dry weight	1000 kg	940 kg
**Measured acoustic power LwA (pressure LpA)	97 dB(A) (72 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		