

GENERATING SET GE 455 FSX EAS GE 455 FMSX EAS

- FPT (IVECO) water cooled diesel engine - 1500 rpm
- Turbo aftercooled engine with electronic governor
- Closed crankcase ventilation
- EP6 engine protection
- GE 455 FSX - STAMFORD three-phase synchronous alternator
- GE 455 FMSX - MARELLI three-phase synchronous alternator
- Four pole circuit breaker
- Oil drain pump
- Bunded Base
- Two central lifting eyes
- Meets EC directives for safety and noise level



Standard equipment											
	Diesel engine	Water cooling	Battery 12V (2x12V)	Engine protection	Electric starter	Low press. shut down	High water shut down	Over speed shut down	Low fuel shut down	Battery charge alarm	Two central lifting eyes
	Synchronous alternator	Electronic voltage regulator	Circuit breaker	Ammeter	Voltmeter phase selector	Emergency stop button	Siren	Ready for EAS/TCM	Fuel level gauge	Oil pressure gauge	Water temperature gauge

Factory installation options		<ul style="list-style-type: none"> ● Electrical panel with CEE sockets: 1x400V 125A 3P+N+T - 1x400V 63A 3P+N+T - 1x400V 32A 3P+N+T - 1x400V 16A 3P+N+T - 2x230V 16A 2P+T ● The electrical panel requires an electrical protection: ELR-Earth Leakage Relay (GFI) or Isometer (Insulation monitors) ● ELR-Earth Leakage Relay (GFI) ● Isometer (Insulation monitors) ● Voltage regulation ● Radio control 	<ul style="list-style-type: none"> ● PMG (Permanent Magnet Generator) ● Water heater WH ● Low level water radiator sensor 	<ul style="list-style-type: none"> ● Automatic fuel transfer pump ● Fuel tank 120l ● 3-way valve fuel system with quick connection for external fuel tank supply

Options on request	<ul style="list-style-type: none"> ● 400 plugs ● 230 plugs 	<ul style="list-style-type: none"> ● Automatic transfer unit (AMF) EAS 435 MTE-805 	<ul style="list-style-type: none"> ● Earthing kit ● Remote control TCM35 	Version on request
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Technical data	GE 455 FSX	GE 455 FMSX
A.C. GENERATION - 50 Hz	Three-phase synchronous alternator, self-excited, self-regulated, brushless	

*Stand-by three-phase power	440 kVA (352 kW) / 400 V / 635.1 A	450 kVA (360 kW) / 400 V / 649.5 A
*P.R.P. three-phase power	400 kVA (320 kW) / 400 V / 577.3 A	410 kVA (328 kW) / 400 V / 591.8 A
Cos φ	0.8	0.8
Insulating class	H	H
* Output powers according to ISO 8528-1		

ENGINE	4-stroke diesel, turbocharged-air to air charge cooled, direct injection, water cooled	
Model	FPT (IVECO) C13 TE3A	
*Stand-by net power	387 kW (526.3 HP)	
*P.R.P. net power	352 kW (478.7 HP)	
Speed	1500 rpm	
Displacement	12.9 l (12900 cm ³)	
Cylinders	6	
Fuel consumption (75% of P.R.P.)	68 l/h	
* Powers according to ISO 3046-1		

GENERAL SPECIFICATIONS		
Tank capacity	580 l	
Running time (75% of P.R.P.)	8.5 h	
IP protection degree	IP 44	
Dimensions LxWxh (mm)	4100x1520x2150	
Dry weight	4340 kg	4240 kg
*Measured acoustic power LwA (pressure LpA)	97 dB(A) (72 dB(A) @ 7 m)	
*Guaranteed acoustic power LwA (pressure LpA)	98 dB(A) (73 dB(A) @ 7 m)	
* 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