

MP250E

Since 1994 Marapco Generating Sets have provided reliable, dependable and trustworthy power solutions for the global market. Marapco Generating Sets combine quality and performance to deliver a superior product, making Marapco a market leading Generating Set throughout the Middle East, Asia & Africa.

Generator Output Ra	ting at -	50Hz			
400V K	KVA		KW		
Prime 22	225.0		180.0		
Standby 25	0.0		200.0		
			@ 0.8 p.f.		
Generator Output Rating at - 60Hz					
480V K	KVA		KW		
Prime 22	225.0		180.0		
Standby 25	250.0		200.0		
			@ 0.8 p.f.		
Engine Data					
Engine Manufacturer:	Р	erkins	UK		
Engine Model:	1206		TTAG2		
Number of Cylinders:		6			
Cylinder Arrangement:	Ver	tical Ir	Line		
Cycle:		4 Strol	ke		
Bore/Stroke mm (in):	105 (4	1.1) x 1	35 (5.3)		
Induction:		ırbo & arge co	air-to-air ooled		
Compression ratio:		15.8:	1		

General Data			
	Liter	US/Gal	
Fuel Tank Capacity:	600.0	158.5	
Fuel Tank:	Powder Coated Steel		
Base Frame:	Heavy Duty-Powder Coated		
Control Panel:	Deep Sea Electronics		
Circuit Breaker:	ABB 3 Pole MCCB		

50Hz		60HZ		
150	00	1800		
kWm	Bhp	kWm	Bhp	
204.2	273.8	216.0	290.5	
226.1	303.2	238.6	320.0	
L/Hr	US Gal/Hr	L/Hr	US Gal/Hr	
51.0	13.5	54.5	14.4	
56.0	14.8	61.1	16.1	
	150 kWm 204.2 226.1 L/Hr 51.0	1500 kWm Bhp 204.2 273.8 226.1 303.2 L/Hr us Gal/Hr 51.0 13.5	1500 18 kWm Bhp kWm 204.2 273.8 216.0 226.1 303.2 238.6 L/Hr us Gal/Hr L/Hr 51.0 13.5 54.5	

Standard Reference Conditions:

Output ratings are presented at normal conditions of temperature and pressure. This generator set is designed to operate in high ambient temperatures and altitudes.

Please consult your dealer for specific site ratings.

Dimensions and Weights

Len	gth	Wie	dth	Hei	ght		Pry		Wet
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
3500.0	137.8	1096.0	43.1	1820.0	71.6	2345.0	5169.8	2375.0	5236.0
						* With Lube Oil		* With Lube O	il & Coolant

Rating Definition



These rating are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. This model can supply 10% overload power for 1 hour in 12 hours.



These rating are applicable for supply continuous electrical power (at variable load) in the event of utility power failure. No *overload is permitted on these ratings. The* alternator model is peak continuous rated (as *defined in ISO 8528-3*)

Air Flow	50Hz	60Hz		
	M³/min Ft³/min	M³/min Ft³/min		
Combustion Air Flow:	13.7 484	14.1 498		
Exhaust Gas Flow:	30.21 1067	30.82 1088		
Radiator Cooling: Air Flow	265.2 13066	337.2 17022		

^{*}Cooling system designed to operate in high ambient conditions

Alternator Data

Alternator Manufacturer:	Leroy Somer
Alternator Model:	LSA46.3 S4 TAL056C
Number of Bearings:	Single (1)
Insulation Class:	Н
Total Harmonic Distortion:	< 2.5% < 5%
Wires:	12 6
Ingress Protection Rating:	IP 23
Excitation System:	Shunt
Winding Pitch Code:	2/3 (n° 6)



Perkins manufactures diesel engines and power solutions to the highest levels of performance and reliability. MARAPCO incorporates this engine throughout their full range.

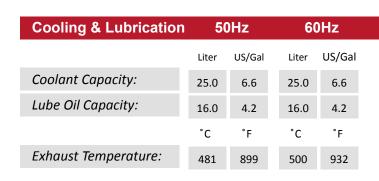


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



Deep Sea Electronics control modules deliver unrivaled functionality and performance. MARAPCO generating sets use this latest technology to its full potential.

 $Logos\ and\ Brands\ of\ Perkins,\ Leroy\ Somer,\ ABB\ \&\ Deep\ Sea\ Electronics\ \ are\ registered\ Trademarks$



Other Information

Generating Set Standards

This generating set meets the following standards: ISO8528, BS4999, BS5514, IEC60034, VDE0530

Warranty

This generator is covered against manufacturing and workmanship defects. Kindly refer to warrant statement for more details.

Picture shown in leaflet may include optional accessories

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