



MP1100E

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 R	ating at -	50Hz	Z	
400V	KVA		KW	
Prime 1	1000.0		800.0	
Standby 1	1100.0		880.0	
			@ 0.8 p.f.	
Generator Output R	ating at -	60Hz	Z	
480V	KVA		KW	
Prime	N/A		N/A	
Standby	N/A		N/A	
			@ 0.8 p.f.	
Engine Data				
Engine Data Engine Manufacturer:	P	erkin	s UK	
_	•		s UK ITAG2	
Engine Manufacturer:	•			
Engine Manufacturer: Engine Model:	40	08-30 8		
Engine Manufacturer: Engine Model: Number of Cylinders:	40 : Ver	08-30 8	n Line	
Engine Manufacturer: Engine Model: Number of Cylinders: Cylinder Arrangement:	40	08-30 8 tical I 4 Stro	n Line	
Engine Manufacturer: Engine Model: Number of Cylinders: Cylinder Arrangement: Cycle:	40 : Ver 160.0 (6	08-30 8 rtical I 4 Stro 5.3) / arged	n Line bke	
Engine Manufacturer: Engine Model: Number of Cylinders: Cylinder Arrangement: Cycle: Bore/Stroke mm (in):	40 : Ver 160.0 (6	08-30 8 rtical I 4 Stro 5.3) / arged	n Line oke 190.0 (7.5) & air-to-air	

Libon		
Liter	US/Gal	
N/A	N/A	
N/A		
Heavy Duty-Powder Coated		
Deep Sea Electronics		
ABB 3 Pole MCB		
	N/ Heavy Duty-Po Deep Sea E	

Performance	50Hz		60HZ	
Engine Speed:	150	1500		800
Gross Engine Power:	kWm	Bhp	kWm	Bhp
Prime:	901	1205.6	N/A	N/A
Standby:	997	1320.9	N/A	N/A
Fuel Consumption:	L/Hr	US Gal/Hr	L/Hr	US Gal/Hr
Prime:	223	58.12	N/A	N/A
Standby:	234	65.51	N/A	N/A
Fuel Consumption: Prime:	L/Hr 223	US Gal/Hr 58.12	L/Hr N/A	US Gal/Hr

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	Wi	dth	He	ight		Dry		Wet
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
4649.0	183.0	2125.0	83.7	2363.0	93.0	7030.0	15498.0	7328.0	16155.0

* With Lube Oil & 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:	84	2843	N/A	N/A
Exhaust Gas Flow:	203	7063	N/A	N/A
Radiator Cooling: Air Flow	1140	47675	N/A	N/A

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

Alternator Data

Alternator Manufacturer:	Leroy Somer
Alternator Model:	LSA49.3 L10 TAL049E
Number of Bearings:	Single (1)
Insulation Class:	Н
Total Harmonic Content:	< 4% < 5%
Wires:	6
Ingress Protection Rating:	IP 23

Winding Pitch Code: 2/3 - 6S



Excitation System:

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

AREP | Shunt

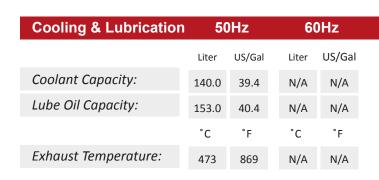


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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

Distributed & Serviced by:



JAN2014 VER.1