

# MP1000-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 Rating at - 60Hz					
220/127V	KVA	KW			
Prime	1000.0	800.0			
Standby	1100.0	880.0			
		@ 0.8 p.f.			
Generator Out	out Rating at -	60Hz			
380/220V	KVA	KW			
Prime	905.0	724.0			
Standby	1000.0	800.0			
		@ 0.8 p.f.			
Engine Data					
<b>Engine Manufact</b>	urer: F	Perkins UK			
Engine Model:	Engine Model: 4008TAG2				
Number of Cylind	ders:	8			
Cylinder Arrange	ment: Ve	rtical In Line			
Cycle:		4 Stroke			
cycle.		4 Stroke			
Bore/Stroke mm	(in): 160.0 (	6.3) / 190.0 (7.5)			
	Turbo cha				
Bore/Stroke mm	Turbo cha Ch	6.3) / 190.0 (7.5) arged & air - to - air			

General Data						
	Liter	US/Gal				
Fuel Tank Capacity:	NA	NA				
Fuel Tank:	NA					
Base Frame:	Heavy Duty-Powder Coated					
Control Panel:	Deep Sea Electronics 6110					
Circuit Breaker:	ABB 3 Pole MCCB					

Performance	0HZ		
Engine Speed:	1800		
<b>Gross Engine Power:</b>	kWm	Bhp	
Prime:	894.0	1198.9	
Standby:	980.0	1314.2	
Fuel Consumption:	L/Hr	US Gal/Hr	
Prime:	224.0	59.1	
Standby:	249.0	65.7	

## **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	idth	He	ight		Dry		Wet
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
4964.0	195.4	2125.0	83.7	2262.0	89.1	7030.0	15498.0	7328.0	16155.0

\* With Lube Oil

\* 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	60Hz			
		M³/min	Ft³/min	
Combustion Air Flow:		75.0	2648.6	
Exhaust Gas Flow:		202.0	7133.6	
Radiator Cooling: Air Flow		1176.0	41530	

<sup>\*</sup>Cooling system designed to operate in high ambient conditions

# Alternator Data Alternator Manufacturer: **Leroy Somer Alternator Model:** LSA49.3L9 **Number of Bearings:** Single (1) **Insulation Class:** Н **Total Harmonic Content:** <4.00% Wires: **Ingress Protection Rating:** IP 23 **AREP Excitation System: Winding Pitch Code:** 2/3 - 6S



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

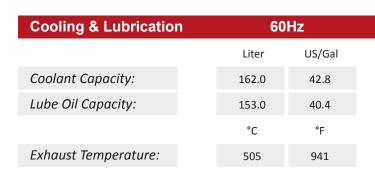


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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 warranty statement for more details.

Picture shown in leaflet may include optional accessories, all data is correct at the time of process and we reserve the right to change specification without prior notice

## **Distributed & Serviced by:**



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