



## MP250-MP275E

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 Outp	ut Rating at	- 50Hz	
•			
380-415V	KVA	KW	
Prime	250.0	200.0	
Standby	275.0	220.0	
		@ 0.8	p.f.
Generator Outp	ut Rating at	- 60Hz	
480V	KVA	KW	
Prime	281.0	224.8	
Standby	313.0	250.4	
		@ 0.8	p.f.
Engine Data			
Engine Data Engine Manufactu	ırer:	Perkins UK	
-		Perkins UK 506A-E88TAG3	
Engine Manufactu	15		
Engine Manufactu	15 ers:	506A-E88TAG3	
Engine Manufactu Engine Model: Number of Cylindo	15 ers:	6	
Engine Manufactu Engine Model: Number of Cylinde Cylinder Arrangen	15 ers: nent: V	6 Gertical In Line	
Engine Manufactu Engine Model: Number of Cylinde Cylinder Arrangen Cycle:	15 ers: nent: V  in): 112 (  Turbo (	6 Gertical In Line 4 Stroke	
Engine Manufacture Engine Model: Number of Cylinder Cylinder Arrangen Cycle: Bore/Stroke mm (	15 ers: nent: V  in): 112 (  Turbo (	6 6 Pertical In Line 4 Stroke (4.4) x 149.0 (5.9) Charged & air-to-air	

General Data					
	Liter	US/Gal			
Fuel Tank Capacity:	600	158.5			
Fuel Tank:	Powder Coated Steel				
Base Frame:	Heavy Duty-Po	owder Coated			
Control Panel:	Deep Sea Electronics				
Circuit Breaker:	ABB 3 Po	le MCCB			
chicant Broaker	7,000010	ic iviceb			

Performance		50Hz		60HZ	
Engine Speed:		1500		1800	
<b>Gross Engine Power:</b>	I	kWm Bhp		kWm	Bhp
Prime:	2	236.0	316.4	270.0	361.9
Standby:	2	258.0	345.9	297.0	398.1
Fuel Consumption:	ı	L/Hr	US Gal/Hr	L/Hr	US Gal/Hr
Prime:	!	55.5	14.6	63.1	16.7
Standby:	(	60.7	16.0	69.8	18.4

### **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	Wic	dth	Hei	ight		Dry	,	Wet
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
3500.0	137.8	1096.0	43.1	1820.0	71.6	2435.0	5368.2	2465.0	5434.4

<sup>\*</sup> With Lube Oil

<sup>\*</sup> With Lube Oil & Coolant

### **Rating Definition**



## **Prime Rating**

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: (Prime)	15.0	530.0	19.8	699.2
Exhaust Gas Flow: (Prime)	40.4	1426.7	48.9	1726.9
Radiator Cooling: Air Flow	370.0	13066	482	17022

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

# Alternator Data

**Alternator Manufacturer: Leroy Somer Alternator Model:** LSA46.2 L6 **Number of Bearings:** Single (1) **Insulation Class:** Н **Total Harmonic Content:** <2.5% Wires: 12 **IP23 Ingress Protection Rating: 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.

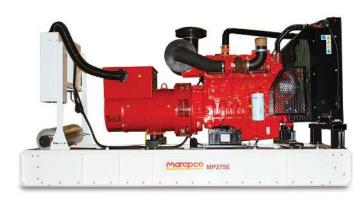


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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

Cooling & Lubrication	50Hz		60Hz	
	Liter	US/Gal	Liter	US/Gal
Coolant Capacity:	29.6	7.8	29.6	7.8
Lube Oil Capacity:	41.0	10.8	41	10.8
	°C	°F	°C	°F
Exhaust Temperature:	558	1036.4	496	924.8



#### **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:



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