



# **MP330E**

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	out Pating at	- 50Hz
-	out Nating at	- 30112
400V	KVA	KW
Prime	300.0	240.0
Standby	330.0	264.0
		@ 0.8 p.f.
Generator Outp	out Rating at	- 60Hz
480V	KVA	KW
Prime	338.0	270.4
Standby	375.0	300.0
		@ 0.8 p.f.
<b>Engine Data</b>		
Engine Data Engine Manufact	<b>urer:</b> Pe	rkins USA
		rkins USA 5A-E88TAG5
Engine Manufact	1506	
Engine Manufact	1506 lers:	6A-E88TAG5
Engine Manufact Engine Model: Number of Cylind	1506 lers: ment: Vert	6 6
Engine Manufact Engine Model: Number of Cylind Cylinder Arranger	1506 lers: ment: Vert	6 ical In Line
Engine Manufact Engine Model: Number of Cylind Cylinder Arranger Cycle:	1506  lers:  ment: Vert  (in): 112 (4  Turbo cha	6A-E88TAG5 6 dical In Line 1 Stroke
Engine Manufact Engine Model: Number of Cylind Cylinder Arranger Cycle: Bore/Stroke mm	1506  lers:  ment: Vert  (in): 112 (4  Turbo cha	iA-E88TAG5 6 cical In Line 4 Stroke 6.4) / 149 (5.9) 6 orged & air-to-air

General Data			
	Liter	US/Gal	
Fuel Tank Capacity:	600	158.5	
Fuel Tank:	Powder Co	ated Steel	
Base Frame:	Heavy Duty-Po	owder Coated	
<b>Control Panel:</b>	Deep Sea Electronics		
Circuit Breaker:	ABB 3 Pole MCCB		

1800
kWm Bhp
7 325.0 435.6
358.0 479.8
Hr <b>L/Hr</b> US Gal/Hr
77.1 20.4
85.7 22.6

#### **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	lth	Hei	ght	[	Ory	\	Net
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
3500.0	137.8	1096.0	43.1	1820.0	71.6	2529.0	5575.5	2562.0	5648.2

\* 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.



# **Standby Rating**

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:	18.3 646.2	23.6 833.4
Exhaust Gas Flow:	50.0 1765.7	59.6 2104.7
Radiator Cooling: Air Flow	370 13066	482 17022

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

#### Alternator Data

Alternator Manufacturer:	Leroy Somer
Alternator Model:	LSA 46.3 M8   TALO46F
Number of Bearings:	Single (1)
Insulation Class:	Н
<b>Total Harmonic Content:</b>	<2.5%   < 5%
Wires:	12   6
Ingress Protection Rating:	IP 23
<b>Excitation System:</b>	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.

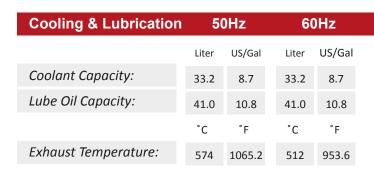


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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

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### **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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