



MP550E

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	t Rating at	- 50Hz	
400V	KVA		KW
Prime	500.0		400.0
Standby	550.0		440.0
			@ 0.8 p.f.
Generator Output	t Rating at	- 60Hz	
480V	KVA		KW
Prime	500.0		400.0
Standby	563.0		450.4
			@ 0.8 p.f.
Engine Data			
Engine Data Engine Manufacture	er:	Perkins US	SA
_		Perkins US 06A-E15T	
Engine Manufacture	25		
Engine Manufacture Engine Model:	25 s:	06A-E15T	AG2
Engine Manufacture Engine Model: Number of Cylinder	25 s:	06A-E15T	AG2 .ine
Engine Manufacture Engine Model: Number of Cylinder Cylinder Arrangeme	25 s: ent: V	06A-E15T 6 ertical In L	AG2 .ine
Engine Manufacture Engine Model: Number of Cylinder Cylinder Arrangeme Cycle:	25 s: ent: V): 137.0 Turbo c	06A-E15T 6 ertical In L 4 Stroke	AG2 .ine 1.0 (6.7) air-to-air
Engine Manufacture Engine Model: Number of Cylinder Cylinder Arrangeme Cycle: Bore/Stroke mm (in	25 s: ent: V): 137.0 Turbo c	06A-E15T 6 ertical In L 4 Stroke (5.4) / 17: harged &	AG2 .ine 1.0 (6.7) air-to-air

General Data					
	Liter	US/Gal			
Fuel Tank Capacity:	820.0	216.6			
Fuel Tank:	Powder Coated Steel				
Base Frame:	Heavy Duty-Powder Coated				
Control Panel:	Deep Sea Electronics				
Circuit Breaker:	ABB 3 Pole MCB				

Performance	50Hz		60HZ		
Engine Speed:		1500		1800	
Gross Engine Power:		kWm	Bhp	kWm	Bhp
Prime:		451.0	604.8	458.0	614.2
Standby:		495.0	663.8	514.0	689.3
Fuel Consumption:		L/Hr	US Gal/Hr	L/Hr	US Gal/Hr
Prime:		100	26.42	102	26.95
Standby:		111	29.32	116	30.64

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	Wid	dth	He	eight		Dry		Wet
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
3871.0	152.4	1120.0	44.1	2130.0	83.9	3860.0	8509.8	3960.0	8686.2

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/mi	n M³/min Ft³/min
Combustion Air Flow:	36.6 1293	38.0 1342
Exhaust Gas Flow:	98.0 3461	105.3 3719
Radiator Cooling: Air Flow	722.0 2549	7 866.0 30583

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

Alternator Data

Alternator Manufacturer:	Leroy Somer
Alternator Model:	LSA47.2 M7 TAL047C
Number of Bearings:	Single (1)
Insulation Class:	Н
Total Harmonic Content:	< 2% <i><</i> 5%
Wires:	12 6
Ingress Protection Rating:	IP 23
Excitation System:	Shunt
Winding Pitch Code:	2/3 - 6



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

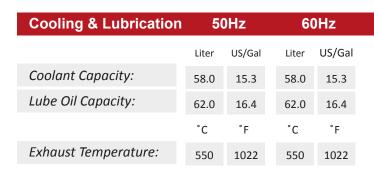


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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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