

MP800E

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.

Compression Outrout	Detino et	FOLI	_
Generator Output I	Rating at -	· 50H	Z
400V	KVA		KW
Prime	725.0		580.0
Standby	800.0		640.0
			@ 0.8 p.f.
Generator Output l	Rating at -	60H	z
480V	KVA		KW
Prime	725.0		580.0
Standby	800.0		640.0
			@ 0.8 p.f.
Engine Data			
Engine Data Engine Manufacturer	: [Perkir	ns UK
			ns UK RTAG2A
Engine Manufacturer	40		TAG2A
Engine Manufacturer Engine Model:	40	06- 2 3	TAG2A
Engine Manufacturer Engine Model: Number of Cylinders:	40	06- 2 3	TAG2A In Line
Engine Manufacturer Engine Model: Number of Cylinders: Cylinder Arrangemen	40 t : Ve	06-23 6 rtical 4 Str	TAG2A In Line
Engine Manufacturer Engine Model: Number of Cylinders: Cylinder Arrangemen Cycle:	40 t: Ve 160.0 (Turbo ch	06-23 6 rtical 4 Str 6.3) /	TAG2A In Line oke
Engine Manufacturer Engine Model: Number of Cylinders: Cylinder Arrangemen Cycle: Bore/Stroke mm (in):	40 t: Ve 160.0 (Turbo ch	06-23 6 rtical 4 Str 6.3) /	ITAG2A In Line oke 190.0 (7.5) d & air-to-air cooled

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

Performance	50Hz		60HZ	
Engine Speed:	150	1500		800
Gross Engine Power:	kWm	Bhp	kWm	Bhp
Prime:	658.0	882.0	682.0	914.6
Standby:	721.0	967.0	746.0	1000.0
Fuel Consumption:	L/Hr	US Gal/Hr	L/Hr	US Gal/Hr
Prime:	155.0	41.0	176.0	46.5
Standby:	169.0	44.6	196.0	51.8
Prime:	155.0	41.0	176.0	46.5

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	Wie	dth	Hei	ght		Dry	,	Wet
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
4554.0	179.3	1933.0	76.1	2234.0	91.9	4930.0	10869.0	5080.0	11200.0
						* With Lube O	il	* 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:	71.0 2507	72.0 2543	
Exhaust Gas Flow:	180.0 6357	190.0 6710	
Radiator Cooling: Air Flow	1200.0 42378	1320.0 46615	

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

Alternator Data

Alternator Manufacturer: Leroy Somer

Alternator Model: LSA 49.3 M6 | TALO49B

Number of Bearings: Single (1)

Insulation Class:

Total Harmonic Content: $< 4\% \mid < 5\%$

Wires: 6

Ingress Protection Rating: IP 23

Excitation System: AREP | Shunt

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.

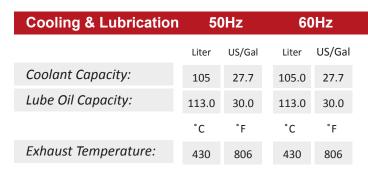


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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 warrant statement for more details.

Picture shown in leaflet may include optional accessories

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