

MP14E

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 Rating a	t - 50Hz
400V	KVA	KW
Prime	12.5	10.0
Standby	14.0	11.2
		@ 0.8 p.f.
Generator Outp	out Rating a	t - 60Hz
380V	KVA	KW
Prime	N/A	N/A
Standby	N/A	N/A
		@ 0.8 p.f.
Engine Data		
Engine Data Engine Manufact	urer:	Perkins UK
	urer:	Perkins UK 403A-15G
Engine Manufact		
Engine Manufact Engine Model:	lers:	403A-15G
Engine Manufact Engine Model: Number of Cylind	lers:	403A-15G 3
Engine Manufact Engine Model: Number of Cylind Cylinder Arrange	ders: ment: \	403A-15G 3 /ertical In Line
Engine Manufact Engine Model: Number of Cylind Cylinder Arrange Cycle:	ders: ment: \ (in): 84.4	403A-15G 3 /ertical In Line 4 Stroke
Engine Manufact Engine Model: Number of Cylind Cylinder Arrange Cycle: Bore/Stroke mm	ders: ment: \ (in): 84.4 Na	403A-15G 3 /ertical In Line 4 Stroke 4 (3.3) x 90.0 (3.5)

General Data				
	Liter	US/Gal		
Fuel Tank Capacity:	100.0	26.4		
Fuel Tank:	UV Resistant MDPE			
Base Frame:	Heavy Duty-Powder Coated			
Control Panel:	Deep Sea Electronics			
Circuit Breaker:	ABB 3 Pole MCB			

Engine Speed: 1500 1800 Gross Engine Power: kWm Bhp kWm Bhp Prime: 12.2 16.4 N/A N/A
Prime: 12.2 16.4 N/A N/A
1111101 11111 11111
Chanallan 40.5 40.4 11/4 11/4
Standby: 13.5 18.1 N/A N/A
Fuel Consumption: L/Hr us Gal/Hr L/Hr us Gal/Hr
Prime: 3.67 0.97 N/A N/A
Standby: 4.08 1.08 N/A N/A

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	Hei	ight		Dry		Wet
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
1325.0	52.2	720.0	28.3	1185.0	46.7	452.0	996.5	460.0	1014.1
						* With Lube Oi	ı	* 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	50	Hz	60Hz		
	M³/min	Ft³/min	M³/min	Ft³/min	
Combustion Air Flow:	1.10	39	N/A	N/A	
Exhaust Gas Flow:	2.9	102	N/A	N/A	
Radiator Cooling: Air Flow	25.2	890	N/A	N/A	

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

Alternator Data

Alternator Manufacturer:	Leroy Somer
Alternator Model:	LSA40 VS2 TAL040C
Number of Bearings:	Single (1)
Insulation Class:	Н
Total Harmonic Content:	< 4% < 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.

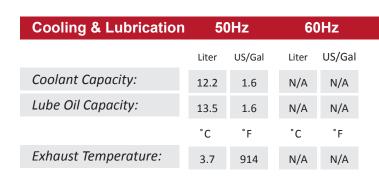


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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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