

MP850-MP944E

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 Rating at - 60Hz					
220/127V	KVA	KW			
Prime	850.0	680.0			
Standby	944.0	755.0			
		@ 0.8 p.f.			
Generator Out	out Rating at	- 60Hz			
380/220V	KVA	KW			
Prime	815.0	652.0			
Standby	895.0	716.0			
		@ 0.8 p.f.			
Engine Data					
Engine Manufact	urer:	Perkins UK			
Engine Model:					
Engine moden	40	06-23TAG3A			
Number of Cylind		06-23TAG3A 6			
	ders:				
Number of Cylind	ders:	6			
Number of Cylind	ders: ment: Ve	6 ertical In Line			
Number of Cylind Cylinder Arrange Cycle:	ders: ment: Ve (in): 160.0 (6 ertical In Line 4 Stroke			
Number of Cylind Cylinder Arrange Cycle: Bore/Stroke mm	ders: ment: Ve (in): 160.0 (Turbo cha	6 ertical In Line 4 Stroke 6.3) / 190.0 (7.5) arged & air - to - air			

General Data						
	Liter	US/Gal				
Fuel Tank Capacity:	NA	NA				
Fuel Tank:	NA					
Base Frame:	Heavy Duty-Powder Coated					
Control Panel:	Deep Sea Electronics 6110					
Circuit Breaker:	ABB 3 Po	ABB 3 Pole MCCB				
	7,000					

Performance	60HZ		
Engine Speed:	1800		
Gross Engine Power:	kWm	Bhp	
Prime:	759.0	1018.7	
Standby:	839.0	1126.17	
Fuel Consumption:	L/Hr	US Gal/Hr	
Prime:	199.0	52.57	
Standby:	224.0	59.2	

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		Wet
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
4554.0	179.3	1933.0	76.1	2334.0	91.9	4930.0	10869.0	5080.0	11200.0

* 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	60Hz		
		M³/min	Ft³/min
Combustion Air Flow:		78.0	2754.5
Exhaust Gas Flow:		209.0	7380.8
Radiator Cooling: Air Flow		1320.0	46615.4

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

Alternator Data Alternator Manufacturer: **Leroy Somer Alternator Model:** LSA49.3M8 **Number of Bearings:** Single (1) **Insulation Class:** Н **Total Harmonic Content:** <4.00% Wires: **Ingress Protection Rating:** IP 23 **AREP Excitation System: 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.

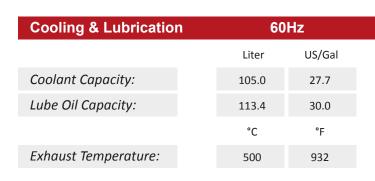


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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 warranty statement for more details.

Picture shown in leaflet may include optional accessories, all data is correct at the time of process and we reserve the right to change specification without prior notice

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