

MP1250-MP1375E

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 R	ating at -	- 60Hz		
220/110V	KVA	KW		
Prime 1	250.0	1000.0		
Standby 1	375.0	1100.0		
		@ 0.8 p.f.		
Generator Output R	ating at -	- 60Hz		
380/220V	KVA	KW		
Prime 1	210.0	1000.0		
Standby 1	210.0	1000.0		
		@ 0.8 p.f.		
Engine Data				
Engine Manufacturer:	F	Perkins UK		
Engine Model:	401	.2-46TWG2A		
Number of Cylinders:		12		
Cylinder Arrangement:	: 60	60° Vee Form		
Cycle:		4 Stroke		
Bore/Stroke mm (in):	160.0 (6	6.3) / 190.0 (7.5)		
Induction: T		ged & air - to - wate large cooled		
Compression ratio:		13.6:1		
Displacement I (cu.in):	45	842 (2797.5)		

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

Performance	60HZ		
Engine Speed:	1800		
Gross Engine Power:	kWm	Bhp	
Prime:	1113.0	1492.0	
Standby:	1224.0	1641.0	
Fuel Consumption:	L/Hr	US Gal/Hr	
Prime:	266.0	70.3	
Standby:	298.0	78.7	

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	lth	Hei	ght	ı	Dry		Wet
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
4745.0	186.8	2409.0	94.8	2513.0	98.9	8398.0	18514.0	8730.0	19246.0

* With Lube Oil

* 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:		116.0	4096.5
Exhaust Gas Flow:		238.0	8299.0
Radiator Cooling: Air Flow		1700.0	60035.0

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

Alternator Data	
Alternator Manufacturer:	Leroy Somer
Alternator Model:	LSA50.2M6
Number of Bearings:	Single (1)
Insulation Class:	Н
Total Harmonic Content:	<3.5%
Wires:	12
Ingress Protection Rating:	IP 23
Excitation System:	AREP
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.

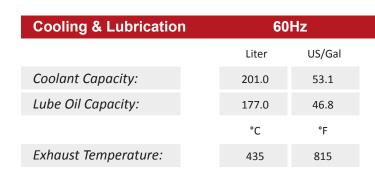


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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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2904/2020