

MP290-MP320E

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	290.0		232.0		
Standby	320.0		256.0		
			@ 0.8 p.f.		
Generator Output Rating at - 60Hz					
380/220V	KVA		KW		
Prime	275.0		220.0		
Standby	303.0		242.4		
			@ 0.8 p.f.		
Engine Data					
Engine Manufacturer:	Per	kins (Seguin		
Engine Manufacturer: Engine Model:			Seguin 38TAG3		
Engine Model:	150	6A-E8			
Engine Model: Number of Cylinders:	150	6A-E8	38TAG3 In Line		
Engine Model: Number of Cylinders: Cylinder Arrangement	150 : Ve	6A-E8 frtical 4 Stro	38TAG3 In Line		
Engine Model: Number of Cylinders: Cylinder Arrangement Cycle:	150 : Vei 112.0 (4 Turbo cha	6A-E8 6 rtical 4 Stro 4.4) /	38TAG3 In Line oke		
Engine Model: Number of Cylinders: Cylinder Arrangement Cycle: Bore/Stroke mm (in):	150 : Vei 112.0 (4 Turbo cha	6A-E8 6 rtical 4 Stro 4.4) /	In Line oke 149.0 (5.9) & air - to - air cooled		

Liter	US/Gal			
600	158.5			
UV Resistant MDPE				
Heavy Duty-Powder Coated				
Deep Sea Electronics				
ABB 3 Pole MCCB				
	600 UV Resist Heavy Duty-Po Deep Sea E			

Performance	60	HZ	
Engine Speed:	1800		
Gross Engine Power:	kWm	Bhp	
Prime:	270.0	362.1	
Standby:	297.0	398.3	
Fuel Consumption:	L/Hr	US Gal/Hr	
Prime:	63.1	16.7	
Standby:	69.8	18.4	

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	He	ight		Ory	\	Net
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
3500.0	137.8	1096.0	43.1	1820.0	71.6	2435.0	5368.2	2465.0	5434.4

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:		19.8	699.2	
Exhaust Gas Flow:		48.9	1726.9	
Radiator Cooling: Air Flow		482.0	17021.6	

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

Alternator Data Alternator Manufacturer: Leroy Somer **Alternator Model:** LSA46.2M7 **Number of Bearings:** Single (1) **Insulation Class:** Н **Total Harmonic Content:** <2.5% Wires: 12 **Ingress Protection Rating:** IP 23 Shunt **Excitation System: 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.

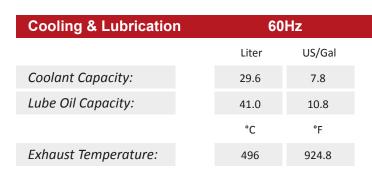


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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 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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