

MP17.5-MP19.5E

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 P. Star						
220v	KVA	KW	′			
Prime	17.5	14.0)			
Standby	19.5	15.0	5			
		@	0.8 p.f.			
Generator Outp	ut Rating a	t - 60Hz S. Staı	-			
380V	KVA	KW	′			
Prime	15.0	12.	0			
Standby	17.0	13.	6			
		@	0.8 p.f			
Engine Data						
Engine Data Engine Manufactu	ırer:	Perkins UK				
_	urer:	Perkins UK 403A-15G2				
Engine Manufactu						
Engine Manufactu	ers:	403A-15G2				
Engine Manufactu Engine Model: Number of Cylind	ers:	403A-15G2 3				
Engine Manufactu Engine Model: Number of Cylind Cylinder Arrangen	ers: nent:	403A-15G2 3 Vertical In Line)			
Engine Manufactu Engine Model: Number of Cylind Cylinder Arranger Cycle:	ers: nent: '	403A-15G2 3 Vertical In Line 4 Stroke)			
Engine Manufactu Engine Model: Number of Cylind Cylinder Arranger Cycle: Bore/Stroke mm (ers: nent: ' '(in): 84.(403A-15G2 3 Vertical In Line 4 Stroke 0 (3.3) x 90.0 (3.5)			

General Data		
	Liter	US/Gal
Fuel Tank Capacity:	100.0	26.4
Fuel Tank:	UV Resista	ant MDPE
Base Frame:	Heavy Duty-Po	owder Coated
Control Panel:	Deep Sea E	Electronics
Circuit Breaker:	ABB 3 Po	ole MCB

Performance 60HZ						
Engine Speed:	1800					
Gross Engine Power:	oss Engine Power: kWm					
Prime:	16.33	21.9				
Standby:	17.96	24.0				
Fuel Consumption:	L/Hr	US Gal/Hr				
Prime:	4.3	1.13				
Standby:	5.12	1.35				
otaliaby.	5.12	1.55				

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.

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	II A A V A V			ww	

Len	gth	Wie	dth	He	ight	[Ory	,	Wet
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
1386.0	54.6	720.0	28.3	1265.0	49.8	452.0	996.5	460.0	1014.1

* 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:		1.20	42.38	
Exhaust Gas Flow:		2.6	91.82	
Radiator Cooling: Air Flow:		48.6	1716.0	

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

Alternator Data Alternator Manufacturer: **Leroy Somer Alternator Model:** LSA40S3 **Number of Bearings:** Single (1) **Insulation Class:** Н **Total Harmonic Content:** at no load <3% Wires: 12 **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.

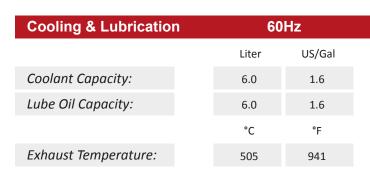


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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 warranty statement for more details.

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

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