

# MP1500-MP1650E

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.

	5 41 4		
Generator Output F	Rating at -	60H	Z
220/127V	KVA		KW
Prime	1500.0		1200.0
Standby	1600.0		1280.0
			@ 0.8 p.f.
Generator Output F	Rating at -	60H	z
380/220V	KVA		KW
Prime	1430.0		1144.0
Standby	1430.0		1144.0
			@ 0.8 p.f.
Engine Data			
Engine Data Engine Manufacturers	F	Perkin	s UK
_		• • • • • • • • • • • • • • • • • • • •	s UK STWG4A
Engine Manufacturer:		• • • • • • • • • • • • • • • • • • • •	STWG4A
Engine Manufacturer: Engine Model:	40	12-46 12	STWG4A
Engine Manufacturers Engine Model: Number of Cylinders:	40	12-46 12	STWG4A
Engine Manufacturers Engine Model: Number of Cylinders: Cylinder Arrangement	40 t: 60	12-46 12 )° Vee 4 Stro	STWG4A
Engine Manufacturers Engine Model: Number of Cylinders: Cylinder Arrangement Cycle:	40 t: 60 160.0 ( Turbo cha	12-46 12 0° Vee 4 Stro 6.3) /	STWG4A E Form oke
Engine Manufacturers Engine Model: Number of Cylinders: Cylinder Arrangement Cycle: Bore/Stroke mm (in):	40 t: 60 160.0 ( Turbo cha	12-46 12 0° Vee 4 Stro 6.3) /	Form oke 190.0 (7.5) & air - to - air cooled

General Data			
	Liter	US/Gal	
Fuel Tank Capacity:	NA	NA	
Fuel Tank:	NA	A	
Base Frame:	Heavy Duty-Po	wder Coated	
Control Panel:	Deep Sea Electronics 6110		
Circuit Breaker:	ABB 3 Po	ole ACB	

Engine Speed: 1800	
Gross Engine Power: kWm Bhp	
<b>Prime:</b> 1308.0 1754.0	
<b>Standby:</b> 1396.0 1872.0	
Fuel Consumption: L/Hr US Gal/Hr	
<b>Prime:</b> 323.0 85.3	
<b>Standby:</b> 355.0 93.7	

#### **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	Wie	dth	He	ight	[	Dry		Wet
Millimeter	Inch	Millimeter	Inch	Millimeter	Inch	KG	LB	KG	LB
4835.0	190.4	2624.0	103.3	2453.0	96.6	9899.0	21823.6	10000	22046.2

\* 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:		122.0	4308.3
Exhaust Gas Flow:		325.0	11477.2
Radiator Cooling: Air Flow		1938.0	68439.8

<sup>\*</sup>Cooling system designed to operate in high ambient conditions

Alternator Data	
Alternator Manufacturer:	Leroy Somer
Alternator Model:	LSA50.2L8
Number of Bearings:	Single (1)
Insulation Class:	Н
<b>Total Harmonic Content:</b>	<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.

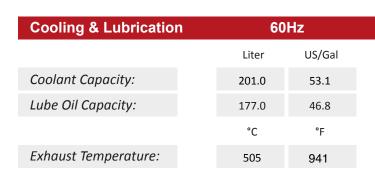


Leroy Somer is a world leader in the manufacturing of power generation, combining quality with performance to produce a market leading alternator for MARAPCO.



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

#### **Distributed & Serviced by:**



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