

MGTP 10000 SHG-5



Ready to Rent **10kVA**
Solar Hybrid Battery Diesel Generator

REDUCE CO₂ EMISSIONS **REDUCE FUEL COSTS** **REDUCE NOISE** **REDUCE ENGINE MAINTENANCE COSTS**

When looking for a robust, reliable, good quality solar hybrid generator look no further than our MGTP 10000 SHG-5.

USE & STORE RENEWABLE POWER **Self charging hybrid power you can trust** **NEVER BE WITHOUT POWER**



Optional extras:

- Road-tow Kit
- GPS Telemetry Tracker
- Power Performance Telemetry
- Solar Kit



EASY TO SELL **EASY TO HIRE** **EASY TO SET UP** **EASY TO OPERATE** **EASY TO MANAGE**

For more details call **MHM TODAY** on **0808 168 9099**
 Email sales@mhmplant.com or visit us at www.mhmplant.com

MHM GROUP
 The Preferred Supplier
 Designed in the UK, built in Italy

Ready to Rent //

Solar Hybrid Generators //

When looking for a robust, reliable, good quality solar hybrid battery diesel generator look no further than our solar hybrid generator range.

Solar, Hybrid Battery & Diesel
Rugged & Reliable Power

Features

10kVA combined solar, battery and diesel generator power
Automatic self-charging Hybrid system
Fully adjustable roof mounted high efficiency solar panel
AGM sealed lead acid batteries
Kohler diesel engine (Stage 5)
HVO (Hydrotreated Vegetable Oil) fuel approved
Exclusive MHM engine protection shutdown system
3 way fuel valve
Linz alternator
Variable RCD
Emergency stop button
Internal bund alarm
Fork pockets
Fully bunded base (110%)

Benefits

Ideal for low and variable temporary power applications over long periods of time
Completely automatic with nice, simple and easy user friendly usability
Providing power to support and maintain the internal batteries in all weather conditions
Robust, durable and long lasting
World class performance and water cooled
Suitable to run off either diesel, HVO or a mixture of both fuels
In the case of low fuel, low oil pressure, high engine temp and battery charge failure
Easy connectivity to an external fuel tank
Heavy duty and proven reliability
Flexible protection
A must on any UK site
For added site safety
For flexible, safe lifting
To retain all spilt fluids



Stage 5 Engine



LOMBARDINI KOHLER
2 Year Engine Warranty (Limited)

Specification

Performance

Max. Generator Output	10kVA/8kW	Engine Mode/ Battery Mode Switch Over	
Voltage	230V – 1ph	Over 2000W Load = Engine Only	
Battery Storage	7.7kWh – 4 x 230 Ah/12V DC	Under 2000W Load = Battery Only	
Battery Type	AGM Sealed Lead Acid	Noise Level - Generator Mode	LWA=87 dba@7m=62
Insulation Class	H	Noise Level - Battery Mode	= 0
Mechanical Protection - IP	23	Roof Mounted Solar Panel	215W

Engine

Make	Kohler	Fuel Tank Capacity (Litres)	200	
Type	TBA (Stage 5)	Diesel Generator Runtime 'Constant Load'@ 75% (Hrs)	111	
Fuel	Diesel / HVO (HVO = BS EN 15940:2016 Only)	Battery Only Run Time "Constant Load" (Hours)		
Number of Cylinders	3	1900W	3.5 1200W	6.5
Power (HP)	14	600W	14 400W	19
Engine Speed (RPM)	1500	CO ₂ Per Hour @ 75% Load		4.7 kg
Cooling	Water	Battery Recharge Time (Hrs)	Empty to Full = 14 Hrs	
Fuel Consumption @ 75% Load (Litres/hour)	1.8	Starting System	Deepsea 3110	

Dimensions (Machine only)

Length: 1730 mm	Height: 1520 mm (Solar Panel Down);
Width: 1080 mm	2055 mm (Solar Panel Up);
Dry Weight (No Fuel): 1050 kg	Wet Weight (Fuel Full): 1210 kg

Dimensions (With road-tow kit, solar panel down)

Length: 3810 mm	Width: 1770 mm	Height: 2020 mm
Dry Weight (No Fuel): 1550 kg	Wet Weight (Fuel Full): 1710 kg	

Socket Configuration

	1ph (230V)			
	32A		16A	
	Output	Input	Output	Input
MGTP 10000 SHG-5	1	1	2	-

Optional Extra

215W Solar Kit – 215W per panel "Plug & Play"	Maximum of 4
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