

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@mhm-group.co.uk or visit us at www.mhm-group.co.uk

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

Optional extras:



Road-tow Kit



GPS Telemetry Tracker



Power Performance Telemetry



Solar Kit

Features

10kVA combined solar, battery and diesel generator power

Automatic self-charging Hybrid system

Fully adjustable roof mounted high efficiency solar panel

Lithium batteries

Kubota diesel engine (Stage 5)

HVO (Hydrotreated Vegetable Oil) fuel approved

Exclusive MHM engine protection shutdown system

3 way fuel valve

Linz alternator

30 mA 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

Electrical protection

A must on any UK site

For added site safety

For flexible, safe lifting

To retain all spilt fluids



Specification

Solar Hybrid System

Roof Mounted Solar Panel	160 w (4 x 40 w)	Battery Configuration	200Ah-51.2V
Usable Battery Power	10 kWh	Battery Cycles	2500
Inverter Make	Victron Quatro	Depth of Discharge	90%
Inverter Rated Power	8 kVA	Engine/Battery Mode Switchover	
Number of Inverters	1	Under 4800W	Battery Only
Battery type	Lithium LiFePO4	Over 4800W	Engine Only

Generator

Single Phase Power (230V)	10 kVA / 8 kW	Insulation Class	H
Alternator	Linz	Mechanical Protection	IP23

Engine

Make	Kubota	Cooling	Water
Type	D1105 (Stage 5)	Fuel Consumption @75% Load (Litre/Hour)	1.9 Lph
Fuel	Diesel / HVO (HVO = BS EN 15940:2016 Only)	CO2 Per Hour @ 75% Load	4.98 Kg
Number of Cylinders	3	Fuel Tank Capacity	200L
Power (HP)	13.7 kW	Control Panel	Deepsea 3110
Engine Speed (RPM)	1500 RPM	Noise Level	LWA=88/ dba@7m =68

Dimensions (Machine only)

Length: 1720 mm	Height: 1480 mm (Solar Panel Down); 1950 mm (Solar Panel Up);
Width: 1020 mm	
Dry Weight (No Fuel): 1050 kg	Wet Weight Fuel Full): 1250 kg

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

Length: 3810 mm	Width: 1770 mm	Height: 2010 mm
Dry Weight (No Fuel): 1350 kg	Wet Weight Fuel Full): 1550 kg	

Socket Configuration

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

Optional Extra

360W pop up solar panel (maximum of 4 in series) with plug and play MC4 connectors

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