

# MGTP 60 SHG-5

Ready to Rent **60kVA**  
**Solar Hybrid Battery Diesel Generator**



**REDUCE CO<sub>2</sub> 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 60 SHG-5.

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



Optional extras:

- 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](mailto:sales@mhmplant.com) or visit us at [www.mhmplant.com](http://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

60kVA combined solar, battery and diesel generator power

Automatic self-charging Hybrid system

Fully adjustable electrically motorised (up/down) roof mounted high efficiency solar panels

Lithium batteries

Kohler diesel engine (Stage 5)

HVO (Hydrotreated Vegetable Oil) fuel approved

Exclusive MHM engine protection shutdown system

3 way fuel valve

Stamford 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	60kVA/48kW	Engine Mode/ Battery Mode Switch Over	
Voltage	400V – 3ph	Over TBA W Load = <b>Engine Only</b>	
Battery Storage	TBA	Under TBA W Load = <b>Battery Only</b>	
Battery Type	Lithium	Noise Level - Generator Mode	LWA=88 dBa@7m=63
Insulation Class	H	Noise Level - Battery Mode	= 0
Mechanical Protection - IP	23	Roof Mounted Solar Panel	4 x 360W

### Engine

Make	Kohler	Fuel Tank Capacity (Litres)	700
Type	TBA (Stage 5)	Diesel Generator Runtime 'Constant Load'@ 75% (Hrs)	58
Fuel	Diesel / HVO (HVO = BS EN 15940:2016 Only)	Battery Only Run Time "Constant Load" (Hours)	
Number of Cylinders	4	TBA W	TBA
Power (HP)	83	TBA W	TBA
Engine Speed (RPM)	1500	CO <sub>2</sub> Per Hour @ 75% Load	31.44 kg
Cooling	Water	Battery Recharge Time (Hrs)	Empty to Full = TBA Hrs
Fuel Consumption @ 75% Load (Litres/hour)	12	Starting System	Deepsea 7310

### Dimensions (Machine only)

Length: 3300 mm	Height: 2186 mm (Solar Panel Down); TBA mm (Solar Panel Up);
Width: 2200 mm	
Dry Weight (No Fuel): 3650 kg	Wet Weight Fuel Full): 4210 kg

### Socket Configuration

	3ph (400V)	
	125A Output	63A Input
MGTP 60 SHG-5	1	1

### Optional Extra

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