

MGTP 60 SHG-5

Ready to Rent **60kVA**
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 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@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.

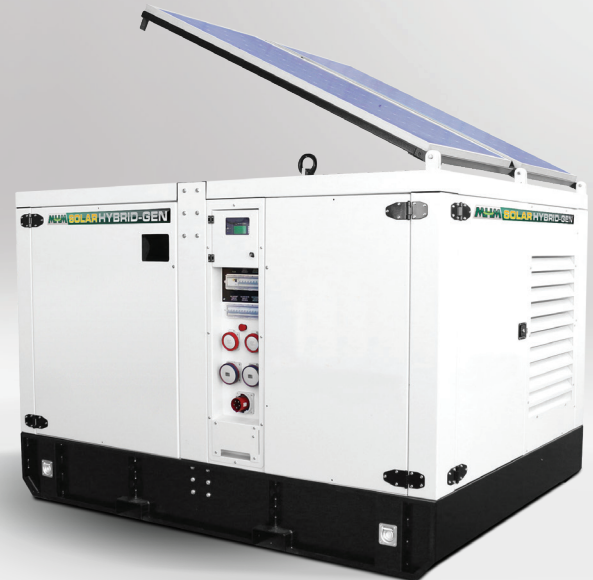
Solar, Hybrid Battery & Diesel
Rugged & Reliable Power

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 = Engine Only	
Battery Storage	TBA	Under TBA W Load = Battery Only	
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 W
Power (HP)	83	TBA W	TBA W
Engine Speed (RPM)	1500	CO ₂ 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

	1ph (230V)	3ph (400V)	
	32A Output	125A Output	63A Input
MGTP 60 SHG-5	3	1	1

Optional Extra

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