

MGTP 6000 SHG-5

Ready to Rent **6kVA**
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 6000 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

Features

6kVA combined solar, battery and diesel generator power

Automatic self-charging Hybrid system

Fully adjustable roof mounted high efficiency solar panel

Lithium 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 | 6kVA/4.8kW | 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 | Lithium | 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 |
| Power (HP) | 14 | 600W | 14 400W |
| Engine Speed (RPM) | 1500 | CO ₂ Per Hour @ 75% Load | 4.7 kg |
| Cooling | Water | Battery Recharge Time (Hrs) | Empty to Full = 21 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); 2055 mm (Solar Panel Up); |
| Width: 1080 mm | |
| 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 6000 SHG-5 | 1 | 1 | 2 | - |

Optional Extra

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

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