

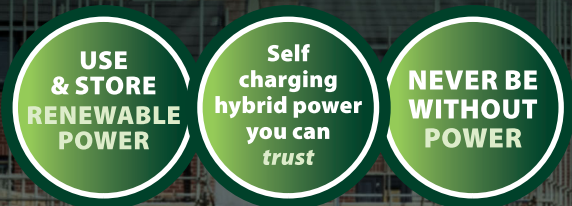
# MGTP 20 SHG-5

Ready to Rent **20kVA**

**Solar Hybrid Battery Diesel Generator**



When looking for a robust, reliable, good quality solar hybrid generator look no further than our MGTP 20 SHG-5.



Optional extras:



Road-tow Kit



GPS Telemetry Tracker



Power Performance Telemetry



Solar Kit



For more details call **MHM TODAY**  
on **0808 168 9099**

Email [sales@mhm-group.co.uk](mailto:sales@mhm-group.co.uk) or visit us at [www.mhm-group.co.uk](http://www.mhm-group.co.uk)



Designed in the UK,  
built in Italy

**GROUP**  
The Preferred Supplier



Ready to Rent //

**MHM SOLAR HYBRID-GEN**

# 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

20kVA combined solar, battery and diesel generator power

Automatic self-charging Hybrid system

Fully adjustable roof mounted high efficiency solar panel

Lithium batteries

Yanmar 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



**YANMAR**  
3 Year Engine  
Warranty (Limited)

## Specification

### Performance

Max. Generator Output	20kVA/16kW	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	340W

### Engine

Make	Yanmar	Fuel Tank Capacity (Litres)	120
Type	TBA (Stage 5)	Diesel Generator Runtime 'Constant Load' @ 75% (Hrs)	26
Fuel	Diesel / HVO (HVO = BS EN 15940:2016 Only)	Battery Only Run Time "Constant Load" (Hours)	
Number of Cylinders	4	TBA	TBA
Power (HP)	27	TBA	TBA
Engine Speed (RPM)	1500	CO2 Per Hour @ 75% Load	12.05 kg
Cooling	Water	Battery Recharge Time (Hrs) Empty to Full = TBA Hrs	
Fuel Consumption @ 75% Load (Litres/hour)	4.6	Starting System	Deepsea 7310

### Dimensions (Machine only)

Length: 2100 mm	Height: 1700 mm (Solar Panel Down);
Width: 1200 mm	TBA mm (Solar Panel Up);
Dry Weight (No Fuel): TBA kg	Wet Weight Fuel Full): TBA kg

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

Length: TBA mm	Width: TBA mm	Height: TBA mm
Dry Weight (No Fuel): TBA kg	Wet Weight Fuel Full): TBA kg	

### Socket Configuration

MGTP 20 SHG-5	3ph (400V)	
	32A	
	Output	Input
	1	1

### Optional Extra

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