

MGTP 20 SHG-5

Ready to Rent **20kVA**
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 20 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@mhmplant.com or visit us at 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

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 = 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	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	CO ₂ 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

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

Optional Extra

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