

## MGTP 20 USY-5

### Event Ready 20kVA Diesel Generator

**HVO  
FUEL  
APPROVED**

**EVENT  
READY  
SPECIFICATION**

When looking for robust, reliable, good quality 20kVA Power Solution, our MGTP 20 USY-5 has everything the event market requires.

Optional extras:



Road-tow Kit



GPS Telemetry Tracker

## Features

20kVA 3ph (400V)  
Aux Power

Linz alternator

Yanmar diesel engine (Stage 5)

HVO (Hydrotreated Vegetable Oil) fuel approved

Exclusive MHM-Gen engine protection shutdown system

3 way fuel valve

12V battery isolator switch

Emergency stop button

Fully bunded base (110%)

Engine oil drain pump

## Benefits

Plenty of power to meet the demands of small to medium event hire

Heavy duty and proven reliability

World class performance and watercooled

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

Reduces flat battery breakdowns

A must on any UK site

To retain all spilt fluids

Reducing service time



**ULTRA  
QUIET**  
80LWA /  
50 dBa@7m

**Stage 5  
Engine**



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

## Specification

### Performance

Alternator	Linz (AVR Controlled)	Three Phase Power (400V)	20kVA/ 16kW
Single Phase Power (110V)	N/A	Noise Level	LWA=80 dBa@7m=50
Single Phase Power (230V)	6.6kVA/ 5.3kW	Insulation Class	H
		Mechanical Protection - IP	23

### Engine

Make	Yanmar	Fuel Consumption @ 75% Load (Litres/hour)	4.6
Type	TBA (Stage 5)	Fuel Tank Capacity @ 75% Load (Litres)	300
Fuel	Diesel / HVO (HVO = BS EN 15940:2016 Only)	Average Runtime (Hours)	
Number of Cylinders	4	@ 100%	53 @ 75% 65
Power (HP)	27	@ 50%	107 @ 25% 214
Engine Speed (RPM)	1500	CO <sub>2</sub> Per Hour @ 75% Load	12.05kg
Cooling	Water	Control Panel	Deepsea 3110 c/w two wire Auto Start/ Stop facility

### Dimensions (Machine only)

Length: 2300 mm	Width: 850 mm	Height: 1600 mm
Dry Weight (No Fuel): 1250 kg	Wet Weight (Fuel Full): 1550 kg	

### Dimensions (With road-tow kit)

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)	1ph (230V)	
	32A	32A	16A
MGTP 20 USY-5	1	2	2
Hard wire facility	3ph (400V)	1ph (230V)	
MGTP 20 USY-5	✓	✓	✓

For more details call **MHM TODAY**  
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Email [sales@mhmplant.com](mailto:sales@mhmplant.com) or visit us at [www.mhmplant.com](http://www.mhmplant.com)



Designed in the UK,  
built in Italy



**GROUP**  
The Preferred Supplier

