

GE 20 SSY-MV

Multi Voltage

UK Rental 20kVA Diesel Generator

When looking for a robust, reliable, good quality 20kVA Universal Rental Solution our GE 20 SSY-MV has everything the market requires.



Optional Extras



Road-tow Kit



AMF/ATS Box

All pictures are for illustration purposes only, actual machines supplied may differ in appearance and specification.

Features

- 20kVA Multi-Voltage AC Aux Power (400v/230v/110v)
- Linz alternator
- Yanmar diesel engine
- Exclusive MHM-Gen engine protection shutdown system
- 3 way fuel valve
- 12v battery isolator switch
- Emergency stop button
- Fully bundled base (110%)
- Engine oil drain pump

Benefits

- Hugely versatile with a massive advantage in the rental market
- Heavy duty and proven reliability
- World class performance and watercooled
- In the case of low fuel, low oil pressure, high engine temp and battery charge failure
- Easy connectivity to external fuel tank
- Reduces flat battery breakdowns
- A must on any UK site
- To retain all spilt fluids
- Reducing service time

Specifications

Performance

Alternator	Linz
Single Phase Power (110v)	20kVA/ 16kW
Single Phase Power (230v)	20kVA/ 16kW

Three Phase Power (400v) 20kVA/ 16kW

Noise Level	LWA=88 dBa@7m=63
Insulation Class	H
Mechanical Protection - IP	23

Engine

Make	Yanmar
Type	4TNV-88 (Stage 3A)
Fuel	Diesel
Number of Cylinders	4
Power - HP	24.1

Engine Speed - rpm 1500

Cooling	Water
Fuel Consumption - Litres/hour	4
Fuel Tank Capacity - litres	110
Average Runtime @ 75% Load (Hours)	27.5
Control Panel	Deepsea 3110

Dimensions (Machine only)

Length - 1750 mm	Width - 900 mm
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Height - 1400 mm Wet weight - 686 Kg

Dimensions (With road-tow kit)

Length - 3300 mm	Width - 1600 mm
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Height - 1900 mm Wet weight - 936 Kg

Socket Configuration

	3ph (400V)		1ph (230V)		1ph (110V)	
	63A	32A	32A	16A	32A	16A
GE 20 SSY-MV	-	1	2	2	3	1

Hard Wire Facility

	3ph (400V)	1ph (230V)	1ph (110V)
GE 20 SSY-MV	✓	✓	✓

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Designed in the UK
Built in Italy



www.mhplant.com

PRAMAC GSW 22

Item code: SE150SPAZ00



(purely indicative picture)



Main features

Standby power LTP : **17 kW**
Rated prime power (PRP) : **15 kW**
Rated continuous power (COP) : **kW**
Phases : **1**
Voltage : **230 V**
Frequency : **50 Hz**
Engine manufacturer : **Perkins**
Fuel : **Diesel**
Speed governor : **Mechanical**

GSW 15-22 Series

This series provides the most professional way to fulfill small power requirements with highest reliability and excellent performance. Most popular range for residential areas and telecommunication sites.

Technical specifications

Main specifications

Type	Canopied
Standby power LTP	17 kVA
Standby power LTP	17 kW
Rated prime power (PRP)	15 kVA
Rated prime power (PRP)	15 kW
Rated continuous power (COP)	n.a.
Rated continuous power (COP)	n.a.

Phases	1
Voltage	230 V
Frequency	50 Hz
Battery charger current	55 A
Circuit breaker	80
Ratio	0,92

Engine specifications

Engine manufacturer	Perkins
Model	404C-22G
Stroke	4, diesel
Fuel	Diesel
Number of cylinders and disposition	4, inline
Displacement	2216 cm ³
Air intake	Natural
Starting system	Electric
Nominal operating speed	1500 rpm
Speed governor	Mechanical
SAE	n.a.
Flywheel	n.a.
Continuous power COP	n.a.
Prime power PRP	18,4 kW
Standby power LTP	20,3 kW
Lube oil capacity	10,6 l
Coolant capacity	6,98 l
Fuel consumption at 100% PRP	5 l/h
Fuel consumption at 75% PRP	4 l/h
Maximum lube oil consumption at PRP	n.a.
Electric circuit voltage	12 V
Engine derating	1,0
Cooling fan	Mechanical

Alternator specifications

Alternator manufacturer	Stamford
Model	BCI 184F
Poles	4
Revolution speed	1500 rpm
Voltage	230 V
Frequency	50 Hz
Continuous nominal power at 40°C - COP	n.a.

Continuous nominal power at 27°C - PRP	16 kVA
Standby power at 27 °C - LTP	17,6 kVA
Continuous active power at 27°C - PRP	16 kW
Efficiency at 75% load	84,1 %
Efficiency at 100% load	83,8 %
Maximum admitted overload	10% for 1 hour every 12 hours of running time S2
Voltage regulation system	Electronic
Alternator derating	1,0
Protection grade	IP 23

Additional information

Fuel tank location	Internal
Fuel tank capacity	55 l
Running time at 100% PRP	10,33 h
Running time at 75% PRP	14 h
Measured acoustic power (LWA) at 10 mt	85,4 dBA
Noise level at 7 m	60,4 dBA
Guaranteed noise level (LWA)	87 dBA

Dimensional data

Length	1800 mm
Width	830 mm
Height	1295 mm
Dry weight	855 kg