



Generator Set Technical Specification Sheet

Model: GBW 15

General Features:

	3 Phase	1 Phase
Emergency standby power	14.46 kVA	9.69 kVA
	11.57 kW	8.72 kW
Continuous power	13.15 kVA	8.81 kVA
	10.52 kW	7.93 kW
Power factor	0.8 Cosfi	0.9 Cosfi
Nominal voltage	400 Y Volt	230 Volt
Nominal frequency	50 Hz	50 Hz
Alternator connections	Star	Delta

Referring to conditions as DIN6271, altitude 100 mtrs above sea level, temperature 27°C, humidity 60%

Engine:

Brand / Model		Yanmar / 3 TNE 88
Type / Stroke		Diesel / 4 stroke
Number of cylinders / Configuration		3 / in-line
Cubic capacity	cc	1642
Aspiration		Natural
Cooling system		Water
Starting system / voltage		Electric / 12
RPM	rpm	1500
Horsepower	kW	13.5
Oil capacity	Litres	7.2
Coolant capacity	Litres	20.0
Fuel consumption 75% load	Litres/h	2.53
Governor		Mechanical to G2

Alternator:

Brand / Model		Mecc Alte ECO 28 1S/4
Number of poles / rpm		4 pole / 1500 rpm
Voltage / Frequency	Volts / Hz	400 Y / 50
Nominal power	kVA	16
Power factor	Cosfi	0.8
Active power	kW	13
Efficiency @ 75% load	%	84
Maximum overload		10% for 1 hour in every 6 hours of operation
Voltage regulator		Electronic (±1.5% with Engine Governing of 4%)

General Installation Data

Engine coolant flow	litre/min	
Combustion air flow	m ³ /min	
Cooling air airflow	m ³ /min	
Exhaust gas flow	m ³ /min	
Exhaust gas temperature	°C	450
Exhaust system back pressure	mbar	

Overall Dimensions & Weight:

		Open Set	Canopy Set
Length	mm	1500	1550
Width	mm	900	900
Height	mm	850	930
Weight	kg	410	477
Fuel tank capacity	Litres	40	40
Run time on full tank of fuel	h	15.8	15.8
Noise level @ 7 mtrs	dB(A)	71	71

The specifications quoted above are a guide only and in line with our policy of continuous product development we reserve the right to vary the specifications at any time without notice