



Model : **IGS 20 3F**

GENSET PARAMETERS

kVA (Prime)	20
kW(Prime)	16
Alternator Make	Stamford
Phase	3
Voltage (V)	400/230
Frequency (Hz) / Engine Speed (rpm)	50 / 1500
Rated Current (A)	29,8
Power Factor (p.f.)	0.8
Fuel Tank Capacity (Litre)	75
Noise Level (dBA @ 7 mt)	66
Conformance to Standards	ISO 8528

ENGINE PARAMETERS

Model	3385 TCIGM C2
Make	Mahindra & Mahindra Ltd.
Rated Engine power @100% Load (HP)	34.5
Cylinders	3
Aspiration	TCI
Displacement in CC	1892
Bore x Stroke in mm	89 X 102
Governing System	Electronic
Total Lube Oil System Capacity in Litre	7
Radiator Coolant Capacity in Litre	9.5
Fuel	High Speed Diesel
Lube Oil Specification	SEA 15 W 40 CI4
Starting System (V)	12 V Electrical
Cooling System	Water cooled with Radiator

FUEL CONSUMPTION

Fuel Consumption@100% Load (Prime)	6.2 Ltr./hr.
Fuel Consumption@ 75% Load (Prime)	4.7 Ltr./hr.

LOGISTIC DATA

Dimensions (L x W x H) in mm	Silent Set: 2000x980x1280
Approx. Net wet in Kg.	Silent Set: 840

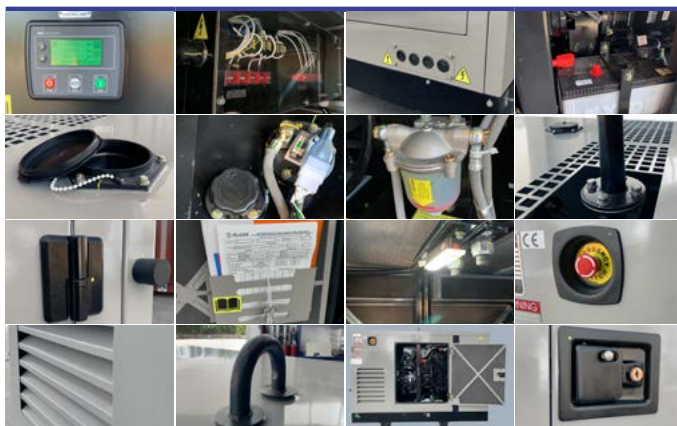
ALTERNATOR PARAMETERS

Make	Stamford
Type	Brushless, Single Bearing, Self Excited
Voltage (V)	415
Phase	3- Phase
Frequency	50 Hz
Speed	1500 RPM
Voltage Regulation	+ /-1%
Insulation class	H
Ingress Protection	IP23

CONTROL PANEL PARAMETERS

Control Panel Type	Automatic control panel AMF with switching on board, microprocessor controller DSE 4520
Controller Make & Type	Deep Sea Controller (4521)
Protection Features offered by controller	Engine - High Water Temperature, Low Lube oil pressure, Low Fuel Level Electrical - Generator Under/ Over Voltage, Generator Under /Over Frequency, Generator Over Current, Generator kW Overload

STANDARD EQUIPMENT



Note: Technical specifications are subjected to change without prior notice