



## Model : IGS 15 3F

### GENSET PARAMETERS

kVA (Prime)	15
kW(Prime)	12
Alternator Make	<b>Stamford</b>
Phase	3
Voltage (V)	400/230
Frequency (Hz) / Engine Speed (rpm)	50 / 1500
Rated Current (A)	21
Power Factor (p.f.)	0.8
Fuel Tank Capacity (Litre)	55
Noise Level (dBA @ 7 mt)	66
Conformance to Standards	ISO 8528

### ENGINE PARAMETERS

Model	3255 GM C2
Make	<b>Mahindra &amp; Mahindra Ltd.</b>
Rated Engine power @100% Load (HP)	22.7
Cylinders	3
Aspiration	Natutrally aspirated
Displacement in CC	1892
Bore x Stroke in mm	89 X 102
Governing System	Electronic
Total Lube Oil System Capacity in Litre	6.5
Radiator Coolant Capacity in Litre	5.5
Fuel	High Speed Diesel
Lube Oil Specification	SEA 15 W 40 CH4
Starting System (V)	12 V Electrical
Cooling System	Water cooled with Radiator

### FUEL CONSUMPTION

Fuel Consumption@100% Load (Prime)	3.8 Ltr./hr.
Fuel Consumption@ 75% Load (Prime)	3 Ltr./hr.

### LOGISTIC DATA

Dimensions (L x W x H) in mm	Silent Set: 1800 x 900 x 1300
Approx. Net wet in Kg.	Silent Set: 740

### ALTERNATOR PARAMETERS

Make	<b>Stamford</b>
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	<b>Deep Sea Controller (4521)</b>
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

