



Diesel Generator Set MP-30

Genset Specification

kVA [Prime]	30
kW [Prime]	24
Engine Make	Mahindra & Mahindra Ltd.
Engine Model	3445 TCIGM C2
Alternator	Stamford or Leroy Somer
Phase	3-Phase
Voltage [V]	400, 3-Phase
Frequency [Hz]	50
Engine Speed [RPM]	1500
Rated Current [A]	42, 3-Phase
Fuel Tank Capacity [l]	115
Noise Level at 1 m DB(A)	75
Conformance to Standards	ISO 8528
Dimensions (LxWxH) [mm]	2000 x 980 x 1395*
Weight, net [kg]	930

*high without exhaust pipe and load hook



Engine

Model	3445 TCIGM C2
Engine Power @ 100% Load [HP]	40
Cylinders	3
Displacement in cc	2048
Governing Class	Electric
Starting System [V]	12, Electrical
Cooling System	Water cooled with Radiator
Fuel Consumption @ 100% Load [l/h]	7.3
Fuel Consumption @ 75% Load [l/h]	5.7
Emission class	Stage 3A
Fuel	Diesel

Alternator

Model	Stamford or Leroy Somer
Type	Brushless
Power Factor [cos φ]	0.8
Insulation Class	H
Ingress Protection	IP 23

Control

Make	Deep Sea
Type	Controller 4521
Control	Manual / Automatic - ATS included
Display	LCD
Protection	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



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