

DIESEL GENERATOR SET

Genset Main Technical Data

MODEL	Voltage	Power rating		Voltage available
		Prime①	Standby②	
133Vitolux-3	400V/50Hz PF:0.8	97KW 121KVA	107KW 133KVA	400/230V

General Technical Data

Control System Manufacturer:
Control Model:

Smartgen
HGM6120NC

MCCB Manufacturer:
MCCB Model

CHINT
NCM

Engine Technical Data

Number of cylinders 6
Cylinder arrangement Vertical in-line
Cycle Four stroke
Bore and Stroke(mm): 105*130mm
Displacement:: 6.75L
Prime power/speed (kW/RPM) 110kw/1500
Speed governor Mechanical
Cooling system Forced Water Cooling Cycle
Steady speed droop (%) ≤1%
Starter motor DC12V,
Alternator DC12V
Fuel Consumption 100% load 28.2L/H

Alternator Technical Data

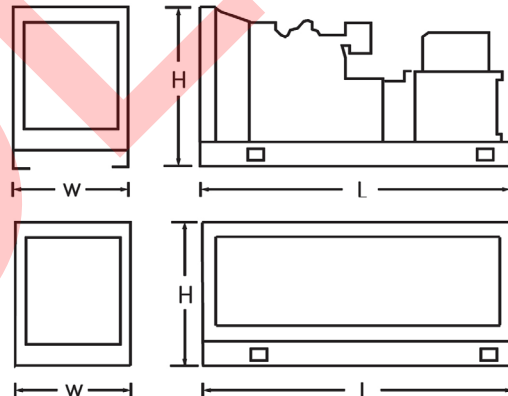
Exciter type Brushless, Self-excited
Rated output prime power 100kw
Rated speed 1500 RPM
Rated frequency 50 Hz
Phase 3
Rated voltage 400 V
Power factor 0,8
Voltage adjust range ≥5%
Voltage regulation NL-FL ≤±1%
Insulation grade H
Protection grade IP21

Dimensions

Length (L) 3200mm
Width (W) 1100mm
Height (H) 1400mm
Net Weight 1750KGS

Certificates

Engine ISO 3046,BS 5514,DIN 6271
Alternator UTE NFC 51-111-105-110ICE34-1,
BS 5000-4999 NEMA MG 21,VDE 0530
Generator Set ISO 8528



(1)Prime Power: ratings are as per DIN 6271,BS55114 and ISO-3046 with 10% overload capacity

(2)Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use

(3)Operation at Altitude ≤1500m, Ambient temperature ≤ 40 °C).If altitude higher than 1500m, each 100m will cause additional de-rating 1%.

Certificacion ISO 9001:2000