

## DIESEL GENERATOR SET

### Genset Main Technical Data

MODEL	Voltage	Power rating		Voltage available
		Prime①	Standby②	
VT-215-3	380 V / 50Hz	200 KW	215 KW	380/220V
	P F : 0.8	250 KV A	270 KV A	

### Engine Technical Data

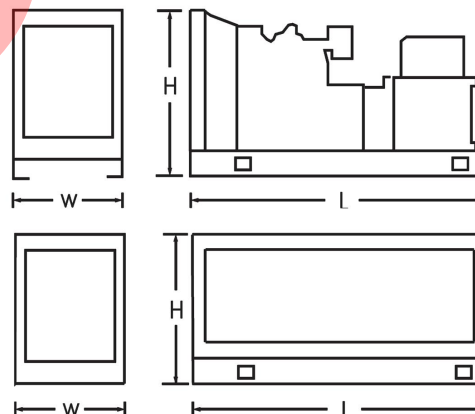
Engine Model	VX6348YTR
Number of cylinders	6
Cylinder arrangement	Vertical in-line
Cycle	Four stroke
Bore and Stroke(mm):	126*130mm
Displacement::	9.73L
Prime power/speed (kW/RPM)	220kw/1500
Speed governor	Mechanical
Cooling system	Forced Water Cooling Cycle
Steady speed droop (%)	≤1%
Starter motor	DC12V,
Alternator	DC12V
Fuel Consumption	17.5L/H
<b>Dimensions</b>	Silent
Length (L)	4000mm
Width (W)	1260mm
Height (H)	2070mm
Net Weight	2800KGS

### Certificates

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

### Alternator Technical Data

Alternator Model:	VTX3S
Exciter type	Brushless, Self-excited
Rated output prime power	215kw
Rated speed	1500 RPM
Rated frequency	50 Hz
Phase	3
Rated voltage	380V
Power factor	0.8
Voltage adjust range	≥5%
Voltage regulation NL-FL	≤±1%
Insulation grade	H
Protection grade	IP21



(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