



DIESEL GENERATOR SET CT8.8YM5 / CT10YM6

SPECIFICATION

MODEL	Power rating		Voltage available		
	PRIME(1)	STANDBY(2)			
CT8.8YM5 400V/50Hz PF:0.8	6.4KW	7KW	380/220v	400/230v	415/240v
	8KVA	8.8KVA			
CT10YM6 220V/60Hz PF:0.8	7.2KW	8KW	208/120v	220/127v	240/139v
	9KVA	10KVA	380/220v	440/254v	480/277v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	CT8.8YM5 / CT10YM6	
Motor	YANMAR 3TNV76	
Alternator	STAMFORD OR LEROY SOMER	
Speed Control type	Centrifugal-all speed governor	
Phase	Three	
Fuel Tank Capacity	50 L	
System Voltage	12V	
Frequency	50HZ	60HZ
Fuel injection pump	Bosch in-line, Yanmar made	
Emission level	Stage 4	

ENGINE

Maximum output(kw)	9KW(50Hz)	10.7KW(60HZ)
Number of Cylinders	3	
Aspiration	Naturally aspirated	
Cycle	4	
Fuel Type	Diesel	
Combustion Type	Indirect Injection	
Cooling Type	Water cooled	
Bore	76mm	
Stroke	82mm	
Displacement	1.116 L	
Compression Ratio	23.5:1	
Lubrication Capacity	3.5 liter	
Coolant Capacity	0.9 liter	

	FUEL CONSUMPTION	
	1500 RPM	1800RPM
Standby Power(2)	2.16 L/hr	2.33 L/hr
Prime Power(1)	1.96 L/hr	2.12 L/hr
75% Prime Power(1)	1.47 L/hr	1.59 L/hr
50% Prime Power(1)	0.98 L/hr	1.06 L/hr

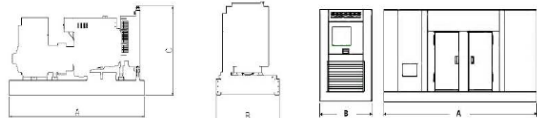
Alternator

Insulation	Clase"H"
Excitation Type	Self-excitation
Protection class	IP23

DIMENSION	OPEN	SILENT
Length (A)	1460mm	1800mm
Width (B)	730 mm	740mm
Height (C)	1170mm	1150mm
Net Weight	500 kg	570kg

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



(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 maximum of 500 hours during one year of which 300 hours may be for continuous u

(3)Operation at Altitude ≤1500m, Ambient temperature ≤ 40°C).If altitude higher than 1500m, each 300m will cause additional de-rating 4%.

Certification ISO 9001:2008