



DIESEL GENERATOR SET CT16YM5 / CT19YM6

SPECIFICATION

MODEL	Power rating	Voltage available
	PRIME(1)	
CT16YM5 400V/50Hz	11.6KW/12.8KW	380/220v/400/230v/415/240v
PF:0.8	14.5KVA 16KV	
CT19YM6 220V/60Hz	13.6KW/15.2KW/208/	120v 220/127v/240/139v
PF:0.8	17KVA 19KVA	

Model	CT16YM5 / CT19YM
Motor	YANMAR 3TNV84T
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)	15.8KW(50Hz) 18.8KW(60HZ)
Number of Cylinders	3
Aspiration	Naturally aspirated
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	84mm
Stroke	90mm
Displacement	1.496 L
Compression Ratio	19:1
Lubrication Capacity	6.7 liter
Coolant Capacity	2 liter

FUEL CONSUMPTION	1500 RPM	1800RPM
	L/hr	L/hr
Standby Power(2)	3.69	4.32
Prime Power(1)	3.35	3.93
75% Prime Power(1)	2.51	2.95
50% Prime Power(1)	1.68	1.97

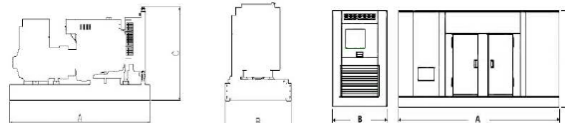
Alternator

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	585 kg	660kg

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

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

Certificacion ISO 9001:2008