Model: FDTC16TE1W - 600 kVA

FPT Industrial Series

50 Hz

Cooling System: Water

Three Phase

Diesel

Features

Generating Set Model	FDTC16TE1W
Power in PRP (kVA)	600
Power in LTP (kVA)	660
Engine Model	CURSOR16 TE1W
Engine Brand	FPT
Alimentation	Diesel
Cooling System	Water
Displacement (cc)	15900
Fuel Tank Capacity(lt)	120.00
Battery Capacity	2x155
Automatic Control Panel	A4
Manual Control Panel	QMA3
Sound Proof Canopy	CS8
Frequence	50 Hz
Voltage	400/230 V + N
Rounds per Minute	1500

Basic Configuration

- Fuel tank
- Starting battery
- High temperature engine thermostat
- Low pressure oil thrust meter
- Electrovalve engine
- Initial filling of fluids

Documentation

- User's and maintenance handbook
- Electric schemes
- CE declaration
- Test report (on demand)

Available Options

- 3 or 4 poles circuit breaker
- Relay and/or differential module
- Over sized integrated fuel tank
- Engine temperature sensor
- Oil pressure sensor
- Fuel level indicator float
- Automatic refill system
- Sound proof canopy
- Catalytic muffler
- Silenced muffler
- Electro manual control panel
- Automatic control panel
- Change over mains/generating set
- Slow speed trailer
- High speed trailer
- Remote alarm control board
- Commissioning

Standards Applied

Coelmo Generating Sets are CE marked and comply with the following regulations:
(Environmental conditions 1.000 mbar, 25CÂ°, 30% relative humidity. Power refering to ISO 3046)

- Power: ISO 8528
- Directive Machinary : 2006/42/CE - 89/392CEE - 98/37/CE
- Low Voltage : 2006/95/CE - 73/23/CEE - 93/68/CEE
- Electromagnetic Compatibility : 2004/108/CE - 89/336/CEE - 93/68/CEE
- Emissions for non-road engines : 2002/88/CE - 97/68/CE (*)
- Acoustic emission : 2005/88/CE - 2000/14/CE (**)

* For non-stationary use only
** For Sound Proof Version Only

Certified Company
ISO 9001 SA800
ISO 14001 OHSAS 18001 AEOF

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Model: FDTC16TE1W - 600 kVA

FPT Industrial Series

Engine

Diesel engine, four stroke water cooled. An efficient cooling system assures excellent performances in whichever site conditions. A low electric power/displacement ratio guarantees a full available power.

Model	CURSOR16 TE1W
Brand	FPT
Alimentation	Diesel
Number of Cylinders	6
Displacement (cc)	15900
HP at 50Hz	689
Speed Governor	Electronic
Aspiration	TCA/A
Air Flow Ventilator (m3/h)	37908
Combustion Air Flow (m3/h)	2435
Exhaust Gas Flow (m3/h)	2548
Maximum Exhaust Gas Temperature (°C)	557
Bore (mm)	141
Stroke (mm)	170
Oil cap (l)	32.00
Rounds Per Minute	1500
Consumption at 2/4 of the load (l/h)	59.10
Consumption at 3/4 of the load (l/h)	93.00
Consumption at 4/4 of load (l/h)	116.40

Aspiration Type

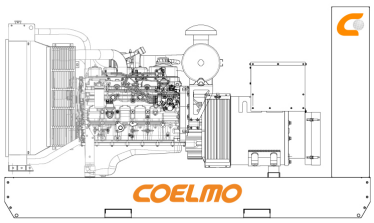
NA	=	Natural Aspiration
TC	=	Turbo Compressor
TCA/A	=	Turbo Compressor Air/Air
W/A	=	Turbo Compressor Water/Air

Alternator

Manufactured in accordance with international IEC 34-1 standards, self regulated, selfexcited, selfventilated, insulated in class "H", regulation accurancy (with load from 0 to 100%) of +/- 1%.

Number of Poles	4
Excitation	Brushless with electronic regulator
Number of Terminals	12
IP	23
Phase	Three Phase
Cos Phi	0.8
Performance	0.94
Voltage	400/230 V + N

Dimensions



Disegno a scopo illustrativo / Drawing for illustrative purpose

Version	Open	Soundproof
Length (mm)	3900	5000
Width (mm)	1300	2000
Height (mm)	1850	2542
Weight (kg)	3550	4750

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