

160 Kva sound proof GENERATOR



Model: **FDT9N - 160 kVA**
Pro Industrial IVECO FPT Series

- SKID MOUNTED, 3.9M X 1.65 M X H 2.65 M
- Equipped with Sparks arrestors, Chalwyn valve and emergency shut off
- GW 2900 KG

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■ Characteristics

Generating Set Model	FDT9N
Power in PRP (kVA)	160
Power in LTP (kVA)	173
Engine Model	NEF 67 TM3
Engine Brand	IVECO FPT
Alimentation	Diesel
Cooling System	Water
Displacement (cc)	6700
Fuel Tank Capacity(lt)	120.00
Battery Capacity	1x155
Alternator Brand	MECCALTE
Alternator Model	ECP34-2LN/4
Automatic Control Panel	A2G
Manual Control Panel	QMA2-2A
Sound Proof Canopy	CS6
Frequence	50 Hz
Voltage	400/230 V + N
Rounds per Minute	1500

Prime Power (PRP):

Prime power is maximum power available during a variable power sequence from 65% to 80%, which may be run for an unlimited number of hours per year, between the stated maintenance intervals. It allows for a 10% overload for 1 hour in any 12 hours period, except if differently indicated in engine data sheet.

Limited time running power (LTP):

The limited time running power is the maximum power a generating set is capable of delivering for up to 500h year of which a maximum of 300h is continuous running, between stated maintenance intervals.

■ 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	NEF 67 TM3
Brand	IVECO FPT
Alimentation	Diesel
Number of Cylinders	6
Displacement (cc)	6700
HP at 50Hz	191
Speed Governor	mechanical
Aspiration	TCA/A
Air Flow Ventilator (m3/h)	13680
Combustion Air Flow (m3/h)	586
Exhaust Gas Flow (m3/h)	1718
Maximum Exhaust Gas Temperature (C)	570
Bore (mm)	104
Stroke (mm)	132
Oil cap (l)	12.00
Rounds Per Minute	1500
Consumption at 2/4 of the load (l/h)	18.00
Consumption at 3/4 of the load (l/h)	29.00
Consumption at 4/4 of load (l/h)	36.00

■ Aspiration Type

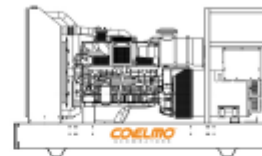
NA	=	Natural Aspiration
TC	=	Turbo Compressor
TCA/A	=	Turbo Compressor Air/Air
W/A	=	Turbo Compressor Water/Air

■ Alternator

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

Brand	MECCALTE
Model	ECP34-2LN/4
Number of Poles	4
Excitation	Brushless with electronic regulator
Number of Terminals	12
IP	21
Phase	Three Phase
Cos Phi	0.8
Performance	0.93
Voltage	400/230 V + N

■ Dimensions



Design a scope alternative - Drawing for illustrative purpose

Length (mm)	2900
Width (mm)	1100
Height (mm)	1504
Weight (kg)	1402