

## Model: FDTVN67P6 - 150 kVA

### FPT Industrial Series **STAGE V**



50 Hz



Cooling System: Water



Three Phase



Diesel



Foto Indicativa - Indicative Picture

#### Features

Generating Set Model	FDTVN67P6
Power in PRP (kVA)	150
Power in LTP (kVA)	165
Engine Model	N67TEVP06
Engine Brand	FPT
Alimentation	Diesel
Cooling System	Water
Displacement (cc)	6728
Fuel Tank Capacity(lt)	120.00
Battery Capacity	1x155
Automatic Control Panel	A2G
Manual Control Panel	QMA2
Sound Proof Canopy	NK5
Frequence	50 Hz
Voltage	400/230 V + N
Rounds per Minute	1500

#### Standards Applied

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

- Power: ISO 8528
- Directive Machinery : 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

#### Basic Configuration

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

#### Documentation

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

#### Available Options

- Relay and/or differential module
- Over sized fuel tank
- Leakage basin
- Automatic refill system
- Catalytic muffler
- Manual fuel transfer pump
- Manual oil extraction pump
- Welded basafame
- Reinforced vibration dampers
- Steel tank
- Parallel control panel
- Slow speed trailer
- High speed trailer
- Remote alarm control board
- Commissioning
- Remote management

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## ■ 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	N67TEVP06
Brand	FPT
Alimentation	Diesel
Number of Cylinders	6
Displacement (cc)	6728
HP at 50Hz	200
Speed Governor	Electronic
Air Flow Ventilator (m3/h)	13680
Combustion Air Flow (m3/h)	563
Exhaust Gas Flow (m3/h)	1992
Maximum Exhaust Gas Temperature (t <sup>1</sup> / <sub>2</sub> C)	600
Bore (mm)	104
Stroke (mm)	132
Oil cap (l)	14.00
Rounds Per Minute	1500
Consumption at 2/4 of the load (l/h)	16.20
Consumption at 3/4 of the load (l/h)	25.30
Consumption at 4/4 of load (l/h)	32.90
Emission Level	STAGE V
Post Treatment System	DOC + DPF + EGR

## ■ 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%.

Number of Poles	4
Excitation	Brushless with electronic regulator
Number of Terminals	12
IP	23
Phase	Three Phase
Cos Phi	0.8
Performance	0.93
Voltage	400/230 V + N

TCA: Turbocharged Aftercooler  
EGR: Exhaust Gas Recirculation  
SCRt: DPF + SCR + CUC

ECR: Electronic Common Rail  
DOC: Diesel Oxidation Catalyst  
SCRoF: Selective Catalytic Reduction on Filter

ATS: After Treatment System  
DPF: Diesel Particular Filter  
CUC: Clean up Catalyst