

## Model: FDTV34P1 - 60 kVA

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

50  
HZ

50 Hz



Cooling System: Water

T

Three Phase



Diesel



Foto Indicativa - Indicative Picture

### Features

Generating Set Model	FDTV34P1
Power in PRP (kVA)	60
Power in LTP (kVA)	65
Engine Model	F34TEVP01
Engine Brand	FPT
Alimentation	Diesel
Cooling System	Water
Displacement (cc)	3400
Fuel Tank Capacity(lt)	120.00
Battery Capacity	1x100
Automatic Control Panel	A2P
Manual Control Panel	QMA2
Sound Proof Canopy	GK2
Frequence	50 Hz
Voltage	400/230 V + N
Rounds per Minute	1500

### 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

### 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

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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	F34TEVP01
Brand	FPT
Alimentation	Diesel
Number of Cylinders	4
Displacement (cc)	3400
HP at 50Hz	73
Speed Governor	Electronic
Air Flow Ventilator (m3/h)	9720
Combustion Air Flow (m3/h)	168
Exhaust Gas Flow (m3/h)	782
Maximum Exhaust Gas Temperature (t <sup>1</sup> / <sub>2</sub> C)	600
Bore (mm)	99
Stroke (mm)	110
Oil cap (l)	8.50
Rounds Per Minute	1500
Consumption at 2/4 of the load (l/h)	7.80
Consumption at 3/4 of the load (l/h)	11.00
Consumption at 4/4 of load (l/h)	14.60
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	0.90
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