

## Model: DVYT5b - 5.50 kVA YANMAR Industrial Series

50  
HZ

50 Hz



Cooling System: Air

T

Three Phase



Diesel



Foto Indicativa / Indicative Picture

### Features

Generating Set Model	DVYT5b
Power in PRP (kVA)	5.50
Power in LTP (kVA)	6.30
Engine Model	L100 AE
Engine Brand	YANMAR
Alimentation	Diesel
Cooling System	Air
Displacement (cc)	406
Fuel Tank Capacity(lt)	10.50
Battery Capacity	1x50
Automatic Control Panel	A1
Manual Control Panel	QMA2
Sound Proof Canopy	HR5
Frequence	50 Hz
Voltage	400/230 V + N
Rounds per Minute	3000

### 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, 25C<sup>o</sup>, 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	L100 AE
Brand	YANMAR
Alimentation	Diesel
Number of Cylinders	1
Displacement (cc)	406
HP at 50Hz	0
Speed Governor	Mechanical
Aspiration	NA
Air Flow Ventilator (m3/h)	0
Combustion Air Flow (m3/h)	0
Exhaust Gas Flow (m3/h)	0
Maximum Exhaust Gas Temperature (°C)	0
Bore (mm)	86
Stroke (mm)	70
Oil cap (l)	1.65
Rounds Per Minute	3000
Consumption at 2/4 of the load (l/h)	1.40
Consumption at 3/4 of the load (l/h)	0.00
Consumption at 4/4 of load (l/h)	2.00

### ■ Aspiration Type

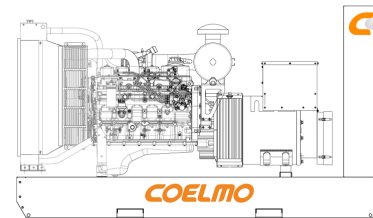
NA	=	Natural Aspiration
TC	=	Turbo Compressor
TCA/A	=	Turbo Compressor Air/Air
W/A	=	Turbo Compressor Water/Air

### ■ 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%.

Number of Poles	2
Excitation	Brush
Number of Terminals	
IP	23
Phase	Three Phase
Cos Phi	0.8
Performance	0.80
Voltage	400/230 V + N

### ■ Dimensions



Version	Open	Soundproof
Length (mm)	815	815
Width (mm)	N/A	560
Height (mm)	N/A	730
Weight (kg)	N/A	150