



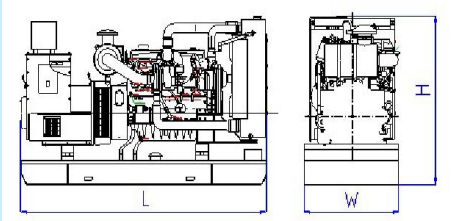
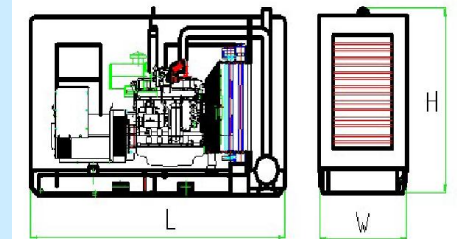
## ENLV110-3

Standby power : 110KVA/88KW

Prime power : 100KVA/80W

### Standard features

- Engine: VOLVO ,TAD531GE
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER , LSA44.3S5
- Single bearing alternator IP 23
- Insulation class H/H
- Radiator 50°C max with coolant cap
- Skid and vibration isolators
- Dry type air filter
- Main line circuit breaker
- 24V battery and cable
- Industrial muffler
- User's manual

	<b>Open Type</b> Overall size (L*W*H) 2080mm×920mm×1550mm Weight: 1350kg
	<b>Silent Type</b> Overall size (L*W*H) 2810mm×1140mm×1830mm Weight: 2550kg

### Generator Ratings

3-PH, 50Hz@1500RPM, 400/230V (Also Can Be Made According To Customers' Special Requirements)

Voltage	Hz	Phase	Power factor	Standby AMP	Standby rating (KVA/KW)	Primerating (KVA/KW)
400/230	50	3	0.8	157	110/88	100/80

### Engine data

Manufacturer/Model	VOLVO TAD531GE, 4-cycle
Cylinder /Arrangement	4 / L
Displacement	4.76 L
Bore and Stroke	108 mm×130 mm
Compression ratio	18 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	96KW
Frequency regulation , steady state	≤ 1%
Governor : type	Mechanical

**Exhaust System**

Exhaust gas flow	18.4m <sup>3</sup> /min
Exhaust temperature	557°C
Max back pressure	5kPa

**Fuel System**

Fuel consumption100% (of the Prime Power)	22.8L/h
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**Oil System**

Total oil capacity w/filters	13L
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**Air intake**

Engine air flow	90m <sup>3</sup> /min
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**Coolant System**

Radiator & engine capacity	19.7L
Max water temperature	105°C
Thermostat	83-95°C

**Generator Data**

**Optional:** STAMFORD, MARATHON, MECALETE, SMF.

Alternator Model	LSA44.3S5 ( LEROY SOMER ) Please Refer To The“ Genset Main Technical Data”
Phase/Connect	3-phase 4-wire ,Y type connection
Excitation Model	Self-excite,automatic voltage regulation,Insulation:H,Bruhless,Enclosure:IP21—IP23
Power Factor	0.8
The regulating rate of instantaneous voltage:	-15%~ +20%
The time of steady voltage:	≤1.5sec
The waving rate of voltage:	≤1.0%
The regulating rate of steady frequency:	≤5%
regulating rate of instantaneous frequency:	≤±10%
The time of steady frequency:	3sec
The waving rate of frequency:	≤1%



**Control panel**

**Optional:** DSE3110, AMF20 , HGM6110 , HGM6120.....



The DSE6010 is an Auto Start Control Module and the DSE6020 is an Auto Mains (Utility) Failure Control Module for single gen-set applications .

Both modules have been designed to work with electronic and non electronic engines providing advanced engine monitoring and protection features .