



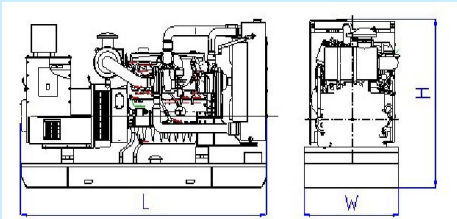
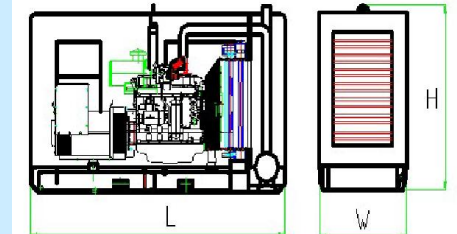
ENLV140-3

Standby power : 140KVA/114KW

Prime power : 130KVA/104KW

Standard features

- Engine: VOLVO ,TAD532GE
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER , LSA44.2 S75
- 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

	Open Type Overall size (L*W*H) 2280mm×920mm×1550mm Weight: 1400kg
	Silent Type Overall size (L*W*H) 2800mm×1140mm×1830mm Weight: 2000kg

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	198	142/114	130/104

Engine data

Manufacturer/Model	VOLVO TAD532GE, 4-cycle
Cylinder /Arrangement	4 / L
Displacement	4.76 L
Bore and Stroke	108 mm×130 mm
Compression ratio	17.5 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	125KW
Frequency regulation , steady state	≤ 1%
Governor : type	EDC4

**Exhaust System**

Exhaust gas flow	23.2m ³ /min
Exhaust temperature	532°C
Max back pressure	5kPa

Fuel System

Fuel consumption 100% (of the Prime Power)	28.6L/h
--	---------

Oil System

Total oil capacity w/filters	13L
------------------------------	-----

Air intake

Engine air flow	120m ³ /min
-----------------	------------------------

Coolant System

Radiator & engine capacity	20.3L
Max water temperature	110°C
Thermostat	83-95°C

Generator Data

Optional: STAMFORD, MARATHON, MECALETE, SMF.

Alternator Model	LSA44.2 S75 (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 .