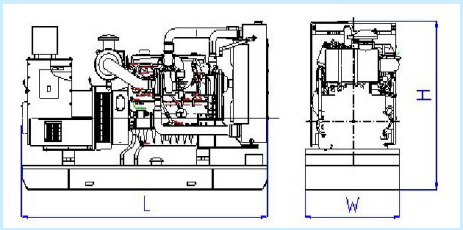
ENLC1100-3

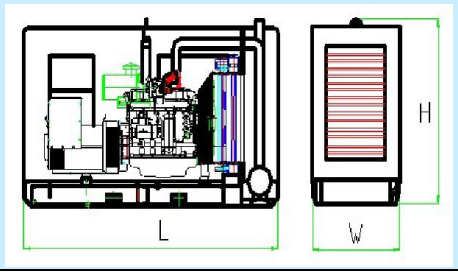
Standby power : 1100KVA/880KW
Prime power : 1000KVA/800KW

Standard features

- Engine: CUMMINS , KTA38-G5
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER , LSA49.1L11
- Single bearing alternator IP 23
- Insulation class H/H
- Radiator 50℃ 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)
4215mm×2060mm×2205mm
Weight: 7696kg



Silent Type
Overall size (L*W*H)
12192mm×2438mm×2896mm
Weight: 14646kg

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	1588	1100/8800	1000/800

Engine data

Manufacturer/Model	CUMMINS KTA38-G5 4-cycle
Cylinder /Arrangement	12 / 60°V
Displacement	37.8L
Bore and Stroke	159mm×159mm
Compression ratio	13.9：1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	970KW
Frequency regulation , steady state	±0.25%
Governor : type	Electrica

Exhaust System

Exhaust gas flow	3306 L/s
Exhaust temperature	513℃
Max back pressure	76mmHg

Fuel System

Fuel consumption100% (of the Prime Power)	209 L / h

Oil System

Total oil capacity w/filters	135.0 L

Air intake

Engine air flow	1213L/s

Coolant System

Radiator & engine capacity	225.0 L
Max water temperature	104℃
Thermostat	82-93℃

Generator Data

Optional: STAMFORD, MARATHON, MECALETE, SMF.

Alternator Model	LSA49.1 L11 (LEROY SOMER) Please Refer To The“ Genset Main Technical Data”
Phase/Connect	3-phase 4-wire ,Y type connection
Excition 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 .