

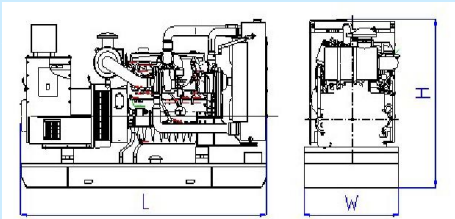
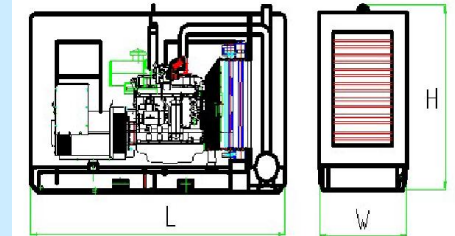
ENLC850-3

Standby power : 850KVA/680KW

Prime power : 775KVA/620KW

Standard features

- Engine: CUMMINS , KTA38-G
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER , LSA47.2 S4
- 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) 4345mm×2060mm×2460mm Weight: 6996kg
	Silent Type Overall size (L*W*H) 6058mm×2438mm×2591mm Weight: 10174kg

Generator Ratings

3-PH, 60Hz@1800RPM, 480/277V (Also Can Be Made According To Customers' Special Requirements)

Voltage	Hz	Phase	Power factor	Standby AMP	Standby rating (KVA/KW)	Primerating (KVA/KW)
480/277	60	3	0.8	1022	850/680	775/620

Engine data

Manufacturer/Model	CUMMINS KTA38-G 4-cycle
Cylinder /Arrangement	12 / 60°V
Displacement	38L
Bore and Stroke	159mm×159mm
Compression ratio	15.5: 1
Rated RPM	1800 RPM
Max. stand by power at rated RPM	747KW
Frequency regulation , steady state	≤ 1%
Governor : type	Electrica

Exhaust System

Exhaust gas flow	3351L/s
Exhaust temperature	491℃
Max back pressure	76mmHg

Fuel System

Fuel consumption100% (of the Prime Power)	193 g/Kw.h
---	------------

Oil System

Total oil capacity w/filters	135.0 L
------------------------------	---------

Air intake

Engine air flow	1298L/s
-----------------	---------

Coolant System

Radiator & engine capacity	210.0 L
Max water temperature	104℃
Thermostat	82-93℃

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

Alternator Model	LSA47.2 S4 (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 .