

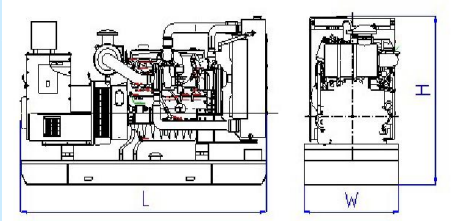
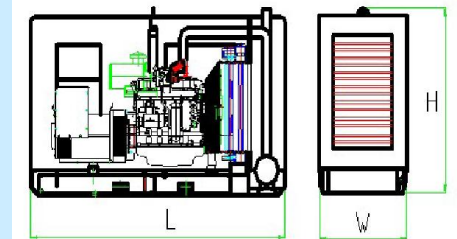
ENLC160-3

Standby power : 160KVA/128KW

Prime power : 146KVA/117KW

Standard features

- Engine: CUMMINS , 6BTAA5.9-G2
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER , LSA44.2 S7
- 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) 2350mm×950mm×1430mm Weight: 1366kg
	Silent Type Overall size (L*W*H) 3000mm×1100mm×1400mm Weight: 1945kg

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	192	160/128	146/117

Engine data

Manufacturer/Model	CUMMINS 6BTAA5.9-G2 4-cycle
Cylinder /Arrangement	6/ L
Displacement	5.9 L
Bore and Stroke	102 mm×120 mm
Compression ratio	17.3 : 1
Rated RPM	1800 RPM
Max. stand by power at rated RPM	145 KW
Frequency regulation , steady state	≤ 1%
Governor : type	Electrical

Exhaust System

Exhaust gas flow	19.44m ³ /min
Exhaust temperature	540°C
Max back pressure	10KPa

Fuel System

Fuel consumption100% (of the Prime Power)	30 L / h
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Oil System

Total oil capacity w/filters	16.4L
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Air intake

Engine air flow	120 L/s
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Coolant System

Radiator & engine capacity	30.0 L
Max water temperature	104°C
Thermostat	82-95°C

Generator Data

Optional: STAMFORD, MARATHON, MECALETE, SMF.

Alternator Model	LSA44.2 S7(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 .