

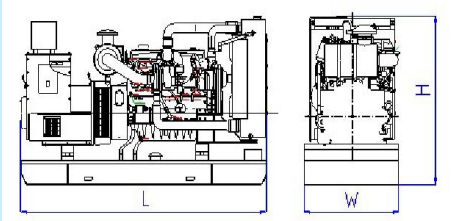
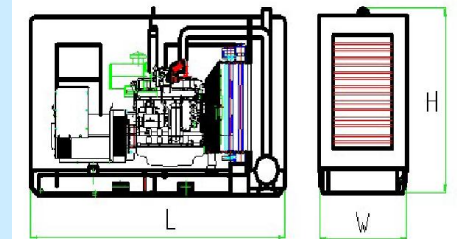
## ENLC500-3

Standby power : 500KVA/400KW

Prime power : 450KVA/360KW

### Standard features

- Engine: CUMMINS , NTAA855-G7A
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER , LSA47.2 VS2
- 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) 3330mm×1130mm×1980mm Weight: 3396kg
	<b>Silent Type</b> Overall size (L*W*H) 3900mm×1400mm×1820mm Weight: 4571kg

### 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	595	500/400	450/360

### Engine data

Manufacturer/Model	CUMMINS NTAA855-G7A 4-cycle
Cylinder /Arrangement	6/ L
Displacement	14.0L
Bore and Stroke	140mm×152mm
Compression ratio	14.0: 1
Rated RPM	1800 RPM
Max. stand by power at rated RPM	450KW
Frequency regulation , steady state	≤ 1%
Governor : type	Electrical

**Exhaust System**

Exhaust gas flow	1240L/s
Exhaust temperature	473℃
Max back pressure	10.0KPa

**Fuel System**

Fuel consumption100% (of the Prime Power)	89.2L/h
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**Oil System**

Total oil capacity w/filters	38.6L
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**Air intake**

Engine air flow	549L/s
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**Coolant System**

Radiator & engine capacity	61 L
Max water temperature	100℃
Thermostat	82-94℃

**Generator Data**

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

Alternator Model	LSA47.2 VS2( 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 .