

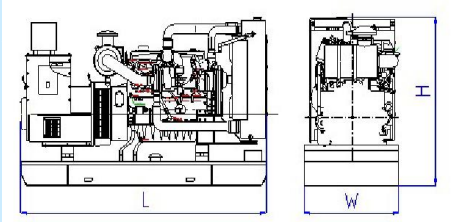
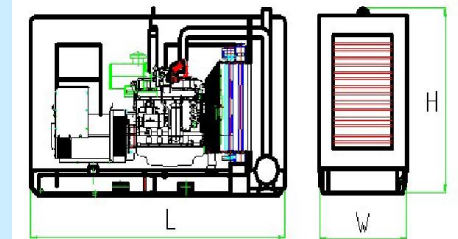
## ENLC200-3

Standby power : 200KVA/160KW

Prime power : 179KVA/143KW

### Standard features

- Engine: CUMMINS , 6CTA8.3-G2
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER , LSA44.2 M95
- 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

|                                                                                     |                                                                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|   | <p><b>Open Type</b></p> <p>Overall size (L*W*H)<br/>2350mm×950mm×1540mm</p> <p>Weight: 1692kg</p>    |
|  | <p><b>Silent Type</b></p> <p>Overall size (L*W*H)<br/>3050mm×1200mm×1500mm</p> <p>Weight: 2271kg</p> |

### 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<br>(KVA/KW) | Primerating<br>(KVA/KW) |
|---------|----|-------|--------------|-------------|----------------------------|-------------------------|
| 480/277 | 60 | 3     | 0.8          | 236         | 200/160                    | 179/143                 |

### Engine data

|                                     |                            |
|-------------------------------------|----------------------------|
| Manufacturer/Model                  | CUMMINS 6CTA8.3-G2 4-cycle |
| Cylinder /Arrangement               | 6/ L                       |
| Displacement                        | 8.3L                       |
| Bore and Stroke                     | 114mm×135mm                |
| Compression ratio                   | 17.3 : 1                   |
| Rated RPM                           | 1800 RPM                   |
| Max. stand by power at rated RPM    | 190KW                      |
| Frequency regulation , steady state | ≤ 1%                       |
| Governor : type                     | Electrical                 |

**Exhaust System**

|                     |         |
|---------------------|---------|
| Exhaust gas flow    | 578 L/s |
| Exhaust temperature | 563℃    |
| Max back pressure   | 10KPa   |

**Fuel System**

|                                           |         |
|-------------------------------------------|---------|
| Fuel consumption100% (of the Prime Power) | 42L / h |
|-------------------------------------------|---------|

**Oil System**

|                              |       |
|------------------------------|-------|
| Total oil capacity w/filters | 23.8L |
|------------------------------|-------|

**Air intake**

|                 |         |
|-----------------|---------|
| Engine air flow | 206 L/s |
|-----------------|---------|

**Coolant System**

|                            |        |
|----------------------------|--------|
| Radiator & engine capacity | 35 L   |
| Max water temperature      | 104℃   |
| Thermostat                 | 82-95℃ |

**Generator Data**

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

|                                               |                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------|
| Alternator Model                              | LSA44.2 M95( LEROY SOMER )<br>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 .