



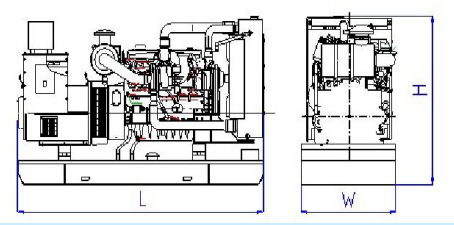
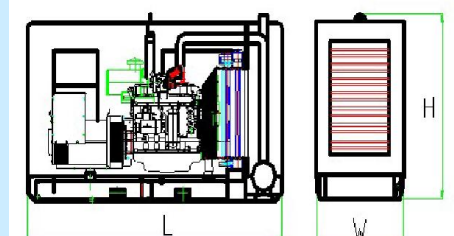
ENLM2600-3

Standby power : 2600KVA/2079KW

Prime power : 2363KVA/1890KW

Standard features

- Engine: MTU , 16V4000G43
- Charge alternator : 24V
- Governor : ADEC
- Generator : LEROY SOMER , LSA51.2 VL90
- Single bearing alternator IP 23
- Insulation class H/H
- Radiator 40°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) 6550mm×2600mm×2500mm Weight: 17600kg |
|  | Silent Type Overall size (L*W*H) 12192mm×2438mm×2896mm Weight: 23600kg |

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 | 3632 | 2600/2079 | 2363/2890 |

Engine data

| | |
|-------------------------------------|------------------|
| Manufacturer/Model | MTU , 16V4000G43 |
| Cylinder /Arrangement | 16 in "V" |
| Displacement | 76.3L |
| Bore and Stroke | 170 mm×210mm |
| Compression ratio | 16.5 : 1 |
| Rated RPM | 1800 RPM |
| Max. stand by power at rated RPM | 2222KW |
| Frequency regulation , steady state | ≤ 1% |
| Governor : type | ADEC |

**Exhaust System**

| | |
|---------------------|------------------------|
| Exhaust gas flow | 456m ³ /min |
| Exhaust temperature | 465°C |
| Max back pressure | 8.5kPa |

Fuel System

| | |
|--|----------|
| Fuel consumption 100% (of the Prime Power) | 200g/kwh |
|--|----------|

Oil System

| | |
|------------------------------|------|
| Total oil capacity w/filters | 300L |
|------------------------------|------|

Air intake

| | |
|------------------|------------------------|
| Burning Capacity | 186m ³ /min |
|------------------|------------------------|

Coolant System

| | |
|----------------------------|-------|
| Radiator & engine capacity | 225L |
| Max water temperature | 79°C |
| Thermostat | 104°C |

Generator Data

Optional: STAMFORD, MARATHON, MECALETE, SMF.

| | |
|---|--|
| Alternator Model | LSA51.2 VL90(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 .