



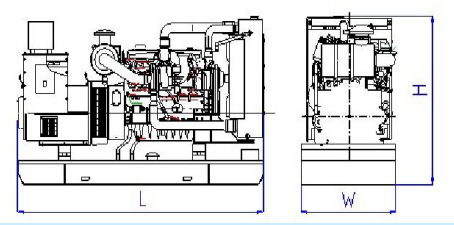
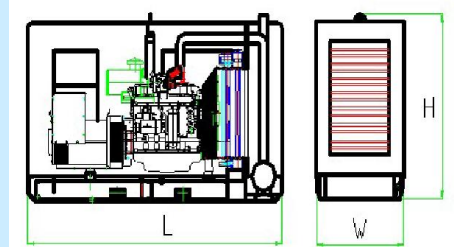
## ENLM2300-3

Standby power : 2300KVA/1837KW

Prime power : 2088KVA/1670KW

### Standard features

- Engine: MTU , 16V4000G23
- Charge alternator : 24V
- Governor : ADEC
- Generator : LEROY SOMER , LSA51.2 M60
- 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

	<b>Open Type</b> Overall size (L*W*H) 6500mm×2600mm×2500mm Weight: 14000kg
	<b>Silent Type</b> Overall size (L*W*H) 12192mm×2438mm×2896mm Weight: 23000kg

### Generator Ratings

3-PH, 50Hz@1500RPM, 400/230V (Also Can Be Made According To Customers' Special Requirements)

Voltage	Hz	Phase	Power factor	Standby AMP	Standby rating (KVA/KW)	Primerating (KVA/KW)
400/230	50	3	0.8	3314	2300/1837	2088/1670

### Engine data

Manufacturer/Model	MTU , 16V4000G23
Cylinder /Arrangement	16 in "V"
Displacement	76.3L
Bore and Stroke	170 mm×210mm
Compression ratio	16.5 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	1965KW
Frequency regulation , steady state	≤ 1%
Governor : type	ADEC

**Exhaust System**

Exhaust gas flow	348m <sup>3</sup> /min
Exhaust temperature	485℃
Max back pressure	8.5kPa

**Fuel System**

Fuel consumption100% (of the Prime Power)	192g/kwh
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**Oil System**

Total oil capacity w/filters	300L
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**Air intake**

Burning Capacity	138m <sup>3</sup> /min
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**Coolant System**

Radiator & engine capacity	225L
Max water temperature	79℃
Thermostat	104℃

**Generator Data**

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

Alternator Model	LSA51.2 M60( 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 .