



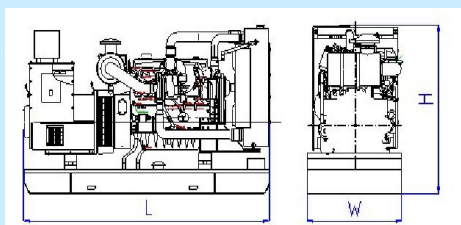
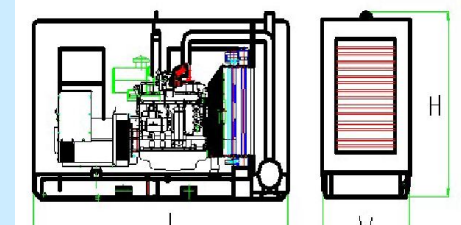
ENLM1000-3

Standby power : 1000KVA/800KW

Prime power : 900KVA/720KW

Standard features

- Engine: MTU ,12V2000G85
- Charge alternator : 24V
- Governor : ADEC
- Generator : LEROY SOMER , LSA49.1 M65
- 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

	<p>Open Type</p> <p>Overall size (L*W*H) 4200mm×1650mm×2280mm</p> <p>Weight: 7000kg</p>
	<p>Silent Type</p> <p>Overall size (L*W*H) 6058mm×2438mm×2591mm</p> <p>Weight: 11000kg</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 (KVA/KW)	Primerating (KVA/KW)
480/277	60	3	0.8	1202	1000/800	900/720

Engine data

Manufacturer/Model	MTU ,12V2000G85
Cylinder /Arrangement	12 in "V"
Displacement	23.88L
Bore and Stroke	130 mm×150 mm
Compression ratio	16 : 1
Rated RPM	1800 RPM
Max. stand by power at rated RPM	890KW
Frequency regulation , steady state	≤ 1%
Governor : type	ADEC

**Exhaust System**

Exhaust gas flow	162m ³ /min
Exhaust temperature	565°C
Max back pressure	8.5kPa

Fuel System

Fuel consumption 100% (of the Prime Power)	209g/Kwh
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Oil System

Total oil capacity w/filters	77L
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Air intake

Engine air flow	1014m ³ /min
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Coolant System

Radiator & engine capacity	164L
Max water temperature	102°C
Thermostat	82-95°C

Generator Data

Optional: STAMFORD, MARATHON, MECALETE, SMF.

Alternator Model	LSA49.1 M65 (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 .