

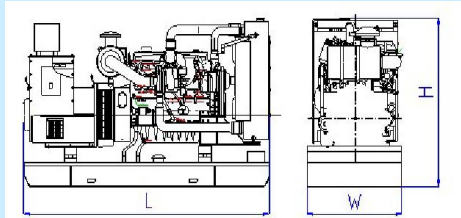
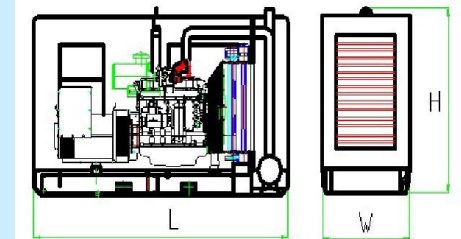
**ENLM1100-3**

Standby power : 1100KVA/880KW

Prime power : 1000KVA/800KW

**Standard features**

- Engine: MITSUBISHI , S12HPTA
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER , LSA49.1L11
- 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) 4450mm×1645mm×2440mm Weight:7669kg
	<b>Silent Type</b> Overall size (L*W*H) 6058mm×2438mm×2591mm Weight: 10847kg

**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	1588	1100/880	1000/800

**Engine data**

Manufacturer/Model	MITSUBISHI S12H-PTA 4-cycle
Cylinder /Arrangement	12 / 60°V
Displacement	37.11 L
Bore and Stroke	150 mm×175 mm
Compression ratio	14.0 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	1020KW
Frequency regulation , steady state	±0.25 %
Governor : type	Electrical

**Exhaust System**

Exhaust gas flow	220m <sup>3</sup> /min
Exhaust temperature	510°C
Max back pressure	600mm H <sub>2</sub> O

**Fuel System**

Fuel consumption 100% (of the Prime Power)	234.5L / h
--	------------

**Oil System**

Total oil capacity w/filters	200L
------------------------------	------

**Air intake**

Engine air flow	83 m <sup>3</sup> /min
-----------------	------------------------

**Coolant System**

Radiator & engine capacity	224 L
Max water temperature	98°C
Thermostat	71-85°C

**Generator Data**

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

Alternator Model	LSA49.1L11 ( 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 .