

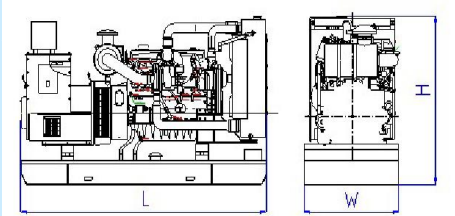
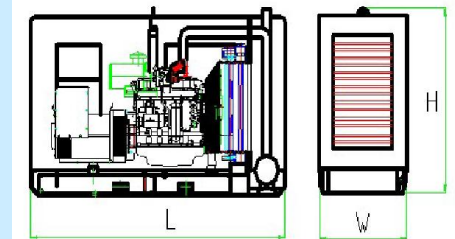
**ENLM1900-3**

Standby power : 1900KVA/1520KW

Prime power : 1728KVA/1382KW

**Standard features**

- Engine: MITSUBISHI , S16R-PTA
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER , LSA51.2 S55
- 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) 5330mm×2180mm×2565mm Weight: 13560kg
	<b>Silent Type</b> Overall size (L*W*H) 12192mm×2438mm×2896mm Weight: 20510kg

**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	2743	1900/1520	1728/1382

**Engine data**

Manufacturer/Model	MITSUBISHI S16R-PTA 4-cycle
Cylinder /Arrangement	16 / 60°V
Displacement	65.37 L
Bore and Stroke	170 mm×180 mm
Compression ratio	14 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	1620KW
Frequency regulation , steady state	±0.25 %
Governor : type	Electrical

**Exhaust System**

Exhaust gas flow	339m <sup>3</sup> /min
Exhaust temperature	520°C
Max back pressure	600mm H <sub>2</sub> O

**Fuel System**

Fuel consumption100% (of the Prime Power)	375.5L / h
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**Oil System**

Total oil capacity w/filters	230L
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**Air intake**

Engine air flow	128m <sup>3</sup> /min
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**Coolant System**

Radiator & engine capacity	350 L
Max water temperature	98°C
Thermostat	71-85°C

**Generator Data**

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

Alternator Model	LSA51.2 S55 ( 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 .