

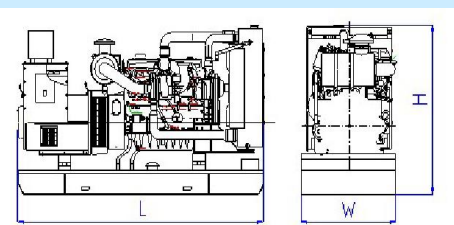
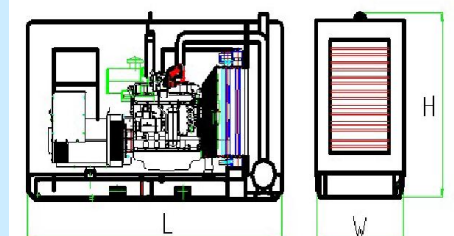
## ENLP50-3

Standby power : 50KVA/40KW

Prime power : 45KVA/36KW

### Standard features

- Engine: PERKINS , 1103A-33TG1
- Charge alternator : 12V
- Governor : Mechanical
- Generator : LEROY SOMER , LSAP43D
- 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
- 12V battery and cable
- Industrial muffler
- User's manual

	<p><b>Open Type</b></p> <p>Overall size (L*W*H) 1650mm×770mm×1256mm</p> <p>Weight: 835kg</p>
	<p><b>Silent Type</b></p> <p>Overall size (L*W*H) 2396mm×1056mm×1723mm</p> <p>Weight: 1165kg</p>

### 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	73	50/40	45/36

### Engine data

Manufacturer/Model	PERKINS 1103A-33TG1 4-cycle
Cylinder /Arrangement	3/ L
Displacement	3.3L
Bore and Stroke	105 mm×127 mm
Compression ratio	17.25 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	46.5KW
Frequency regulation , steady state	± 0.75%
Governor : type	Mechanical

**Exhaust System**

Exhaust gas flow	7.7m <sup>3</sup> /min
Exhaust temperature	537°C
Max back pressure	10kPa

**Fuel System**

Fuel consumption100% (of the Prime Power)	10.7 L / h
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**Oil System**

Total oil capacity w/filters	8.3 L
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**Air intake**

Engine air flow	3.1 m <sup>3</sup> /min
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**Coolant System**

Radiator & engine capacity	10.2 L
Max water temperature	110°C
Thermostat	82-93°C

**Generator Data**

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

Alternator Model	LSAP43D ( 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, DSE6020, HGM6110, HGM6120.....

- ☆ Compact genset controller for single genset operating in standby mode;
- ☆ Meets all requirements for Auto Mains Failure (AMF) applications;
- ☆ Full gen-set monitoring and protection;
- ☆ Running hours event and performance log;
- ☆ Multiple languages (user changeable) in controller, even more in installation suite;
- ☆ Web Supervisor, Air Gate and Locate support\*
- ☆ Plug-in extension modules capability;
- ☆ Automatic SMS on alarm or event & gen-set control over SMS\*;
- ☆ Supports prime mover (MRS) applications;
- ☆ Automatic and manual GCB and MCB control;
- ☆ Optional GSM/GPRS modem/wireless Internet via IL-NT GPRS
- ☆ D+ pre-excitation terminal;

Note: All data sheets are for reference only and subject to change without prior notice.