

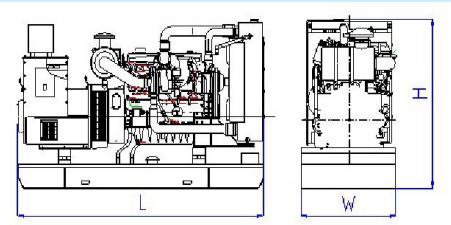
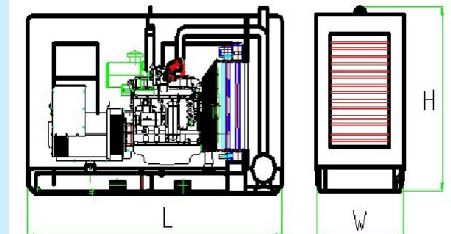
ENLP1375-3

Standby power : 1375KVA/1100KW

Prime power : 1250KVA/1000KW

Standard features

- Engine: PERKINS , 4012-46TWG2A
- Charge alternator :24V
- Governor : Electrical
- Generator : LEROY SOMER , LSA50.2 M6
- 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

| | |
|---|--|
|  | Open Type Overall size (L*W*H) 4600mm×2000mm×2525mm Weight: 8700kg |
|  | Silent Type Overall size (L*W*H) 12192mm×2438mm×2896mm Weight: 16179kg |

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 | 1985 | 1375/1100 | 1250/1000 |

Engine data

| | |
|-------------------------------------|------------------------------|
| Manufacturer/Model | PERKINS 4012-46TWG2A 4-cycle |
| Cylinder /Arrangement | 12 / 60°V |
| Displacement | 45.482 |
| Bore and Stroke | 160mm×190mm |
| Compression ratio | 13.1 : 1 |
| Rated RPM | 1500 RPM |
| Max. stand by power at rated RPM | 1217 KW |
| Frequency regulation , steady state | ± 0.25% |
| Governor : type | Electrical |

Exhaust System

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|---------------------|-------------------------|
| Exhaust gas flow | 180 m ³ /min |
| Exhaust temperature | 422°C |
| Max back pressure | 0.5kPa |

Fuel System

| | |
|---|-----------|
| Fuel consumption100% (of the Prime Power) | 259 L / h |
|---|-----------|

Oil System

| | |
|------------------------------|-------|
| Total oil capacity w/filters | 177 L |
|------------------------------|-------|

Air intake

| | |
|-----------------|-------------------------|
| Engine air flow | 109 m ³ /min |
|-----------------|-------------------------|

Coolant System

| | |
|----------------------------|---------|
| Radiator & engine capacity | 201L |
| Max water temperature | 101°C |
| Thermostat | 71-85°C |

Generator Data

Optional: STAMFORD, MARATHON, MECALETE, SMF.

| | |
|---|--|
| Alternator Model | LSA50.2 M6(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% |

Data Sheet**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.