

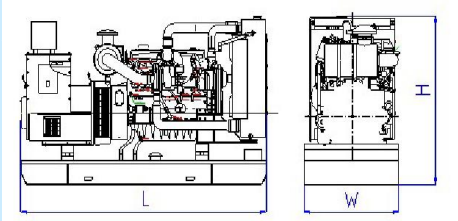
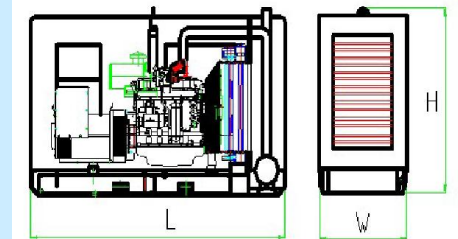
## ENLD66-3

Standby power : 66KVA/52.6KW

Prime power : 60KVA/48KW

### Standard features

- Engine: DOOSAN , DB58
- Charge alternator : 24V
- Governor : Electrical
- Generator : LEROY SOMER , LSA42.3 L9
- Single bearing alternator IP 23
- Insulation class H/H
- Radiator 45°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><br>Overall size (L*W*H)<br>2579mm×870mm×1640mm<br>Weight: 1120kg    |
|  | <b>Silent Type</b><br>Overall size (L*W*H)<br>3756mm×1356mm×2068mm<br>Weight: 2500kg |

### 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<br>(KVA/KW) | Primerating<br>(KVA/KW) |
|---------|----|-------|--------------|-------------|----------------------------|-------------------------|
| 400/230 | 50 | 3     | 0.8          | 95          | 66/52.6                    | 60/48                   |

### Engine data

|                                     |                     |
|-------------------------------------|---------------------|
| Manufacturer/Model                  | DOOSAN DB58 4-cycle |
| Cylinder /Arrangement               | 6/ L                |
| Displacement                        | 5.785L              |
| Bore and Stroke                     | 102 mm×118mm        |
| Compression ratio                   | 17.5 : 1            |
| Rated RPM                           | 1500 RPM            |
| Max. stand by power at rated RPM    | 59KW                |
| Frequency regulation , steady state | ≤ 1%                |
| Governor : type                     | Electrical          |

**Exhaust System**

|                     |                          |
|---------------------|--------------------------|
| Exhaust gas flow    | 38.8 m <sup>3</sup> /min |
| Exhaust temperature | 530°C                    |
| Max back pressure   | 5.9 kPa                  |

**Fuel System**

|   |            |
|---|------------|
| Fuel consumption100% (of the Prime Power) | 13.9 L / h |
|---|------------|

**Oil System**

|                              |      |
|------------------------------|------|
| Total oil capacity w/filters | 19 L |
|------------------------------|------|

**Air intake**

|                 |                          |
|-----------------|--------------------------|
| Engine air flow | 13.9 m <sup>3</sup> /min |
|-----------------|--------------------------|

**Coolant System**

|                            |         |
|----------------------------|---------|
| Radiator & engine capacity | 14 L    |
| Max water temperature      | 100°C   |
| Thermostat                 | 82-95°C |

**Generator Data**

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

|   |  |
|---|--|
| Alternator Model                              | LSA42.3 L9 ( LEROY SOMER )<br>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.