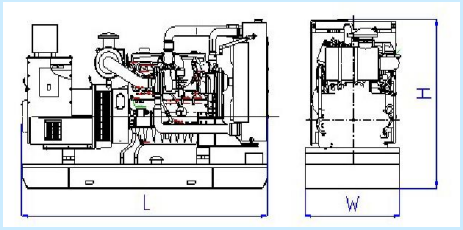
ENLP300-3

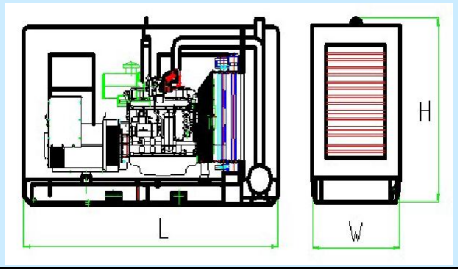
Standby power : 300KVA/240KW
Prime power : 275KVA/220KW

Standard features

- Engine: PERKINS , 1606A-E93TAG4
- Charge alternator :24V
- Governor : ECM
- Generator : LEROY SOMER , LSA46.2 L9
- Single bearing alternator IP 23
- Insulation class H/H
- Radiator 50℃ 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)
2765mm×1150mm×1670mm
Weight: 2200kg



Silent Type
Overall size (L*W*H)
4366mm×1306mm×2250mm
Weight:3650kg

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	433	300/240	275/220

Engine data

Manufacturer/Model	PERKINS 1606A-E93TAG4 4-cycle
Cylinder /Arrangement	6/ L
Displacement	9.3L
Bore and Stroke	116.6 mm×146 mm
Compression ratio	17.2 ： 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	271KW
Frequency regulation , steady state	±0.75 %
Governor : type	ECM

Exhaust System

Exhaust gas flow	0.38 kg/s
Exhaust temperature	400℃
Max back pressure	10 kPa

Fuel System

Fuel consumption100% (of the Prime Power)	56L / h

Oil System

Total oil capacity w/filters	36L

Air intake

Engine air flow	0.36 kg/s

Coolant System

Radiator & engine capacity	31 L
Max water temperature	107℃
Thermostat	86-96℃

Generator Data

Optional: STAMFORD, MARATHON, MECALETE, SMF.

Alternator Model	LSA46.2 L9 (LEROY SOMER) Please Refer To The“ Genset Main Technical Data”
Phase/Connect	3-phase 4-wire ,Y type connection
Excition 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;