30KVA YANGDONG DIESEL GENERATOR UY30GFS	
Standby Power(50HZ)	**26.4KW/33KVA**
Prime Power(50HZ)	**24KW/30KVA**

Standard Features

General Features

- Engine(YANGDONG Y4100D)
- Radiator 40°C max, fans are driven by belt
- 12V starter and charge alternator
- Air filter, fuel filter, oil filter installed
- Alternator (184G), single bearing alternator IP23, insulation class H/H
- Absorbers installed
- Silent canopy
- Main line circuit breaker
- Standard control panel
- One 12V battery and connecting wire
- Ripple flex exhaust pipe, flange, muffler.
- User manual, Test report, etc

Generator Ratings

voltage	HZ	phase	P.F	Prime Amps	Standby Rating (KW/KVA)	Prime Ratings (KW/KVA)
400/230V	50	3	0.8	43.2	26.4/33	24/30

Prime power (PRP): Prime power is available for an unlimited number of annual hours in available load application, in according with GB/T2820-97(EQVLso8528); A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation.

Standby power Rating (ESP) ; The standby power rating is application for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.

Sales Promises

We provide a full line of brand new and high quality products. Each and every unit is strictly on load test before delivery. Warranty is according to our standard conditions: 12 months or 1500 running hour's, subject to the earlier one. Service and parts are available from our factory or distribution in your location.

ENGINE DATA

Manufacturer /Model	YANGDONG Y4100D
Air intake System	Air natural
Cooling type	Water Cooling

Cylinder Arrangement	4 in LINE
Bore and Stroke	100*118(MM)
Displacement	3.707L
Rated RPM	1500rpm
Prime power at rated RPM	27KW
Max standby Power at Rated RPM	30KW
Governor Type	mechanical
Rated fuel consumption	6.2L/hr

ALTERNATOR SPECIFICATION

General data

Compliance with GB755, BS5000, VDE0530, NEMAMG1-22, IED34-1, CSA22.2 and AS1359 standards.

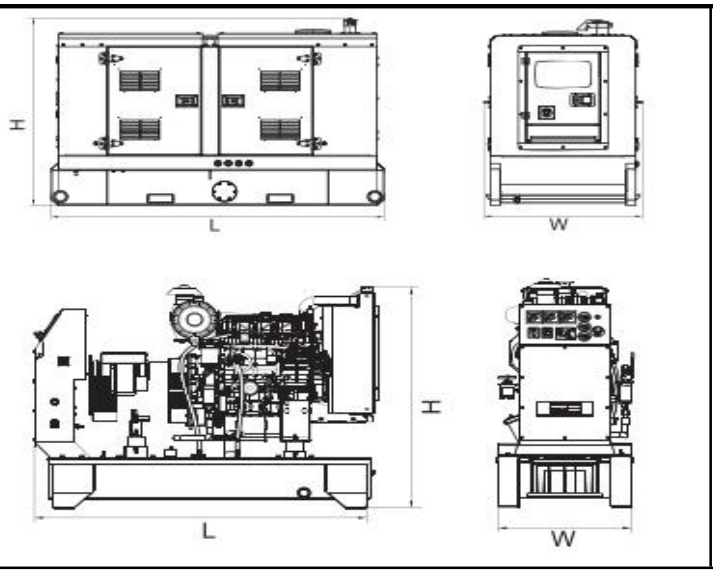
Alternator Data

Manufacture /Type	184G
Number of Phase	three
Number of Bearing	one
Power Factor	0.8
Protection Grade	IP23
Altitude	≤1000m
Exciter Type	Brush less, self-exciting
Insulation Class, Temperature Rise	H/H
Voltage Regulation, Steady State	≤1.5%
Alternator Capacity	30KVA

GENERATING SET DATA

Voltage Regulation	≥±5%
Voltage Regulation, Stead State	≤±1%
Sudden Voltage Warp (100% Sudden Reduce)	≤+25%
Sudden Voltage Warp (sudden Increase)	≤-20%
Voltage Stable Time (100% sudden Reduce)	≤6s
Voltage Stable Time (Sudden Increase)	≤6s
Frequency Reduce	≤5% adjustable
Frequency Regulation, Stead State	≤1.5%
Frequency waving	≤0.8 %
Sudden Frequency Warp (100% Sudden Reduce)	≤+12%
Sudden Frequency Warp (Sudden Increase)	≤-10%
Frequency Recovery Time (100% sudden Reduce)	≤5s
Frequency Recovery Time (Sudden Increase)	≤5s

Dimension & Weight



Silent type:

Overall size: 2180*950*1500mm

Weight: 1050kgs

Basic Control Panel

Standard Control Panel is the basic configuration for normal operation and usage. It is of some advantage such as easy to operate various function and well protection. Operative buttons such as Turn On, Per-heart. Starting, Stop (Emergency Stop) on the panel .while malfunction occurs, control panel will stop the generator and also alarm with light or buzz.

Options

Type	Fuel System	Control System
● Rainproof Type	● Daily Fuel Tank	● Auto Control Panel ☑
● Soundproof &Rainproof Type ☑	● Base Fuel Tank ☑	● Remote Control Panel
● Trailer Type		● Auto Transfer Switch (ATS) ☑

Auto Module Control Panel and ATS


HGM410


HGM6120


DSE6120


DSE7320

Automatic Control Panel is the basic configuration for nobody on duty controlling generator.

HGM6120 controller, integrating digital, intelligent and network techniques, is used for automatic control and monitoring system of genset. It can carry out functions of automatic start/stop, data measurement, alarm protection and three “remote” (remote control, remote measure and remote communication). The controller uses LCD display, optional display interface in many different languages with easy and reliable operation.

Alarms:

- ☑Over and Under Speed
- ☑Low and High Battery Volt.
- ☑Start and Stop Failure
- ☑Charge fail
- ☑Over Current
- ☑Under / Over Generator Voltage
- ☑Low Oil Pressure
- ☑High engine temperature

Metering via LED display:

- ☑Generator Volts(V), Ampere(A), Frequency(HZ), POWER(KW) Cos (σ)
- ☑Mains Volts(V), Frequency(HZ)
- ☑Engine temperature (ºC & ºF)
- ☑Lub. Oil pressure kpa/psi/bar
- ☑Engine speed (r/min)
- ☑Battery volts
- ☑Charging alternator volts
- ☑Engine hours run