

PLG-Y22(S)

50Hz 1500RPM 17.6kW/22kVA

General Features

- Low noise/super silent canopy design
- Forklift pockets available
- Residential silencer with flexible exhaust pipe
- MCCB & maintenance-free starting battery
- External fuel inlet, coolant drain, oil drain
- External power outlet distribution available
- Bunded base with 8-hour base fuel tank
- 50°C Radiator as standard spec
- Radiator fan is driven by belt with safety guard
- Vibration isolators between engine/alternator and base frame
- All-round protection functions and safety labels
- User manual of engine, alternator, controller



Generator Ratings

Voltage	HZ	Phase	P.F (COS φ)	Prime Amps	Prime Ratings(kW/kVA)	Standby Ratings(kW/kVA)
380/220	50	3	0.8	30	16/20	17.6/22
400/230	50	3	0.8	29	16/20	17.6/22
415/240	50	3	0.8	28	16/20	17.6/22

- Prime Power: Continuous running at variable load for unlimited periods; 10% overload available for 1 hour in every 12 hours.
- Standby power: Continuous running at variable load in the event of a utility power failure; No overload is permitted on these ratings.

Sales Promise

PACELINK provides a full line of brand new and high quality products.

Each unit is strictly factory tested before delivery.

Warranty is according to below standard conditions, subject to the earlier one:

- 12 months after shipment
- 1000 accumulated running hours

Service and parts are available for the generator life time from PACELINK.

Engine

Manufacturer / Model	4TNV84-GGFC
Air Intake System	Turbocharged, 4 Cycle
Fuel System	Direct Injection
Number of Cylinders / Cylinder Arrangement	4 in Line
Displacement (L)	1.995
Bore × Stroke (mm × mm)	84 x 90
Compression Ratio	18.9:1
Rated Speed (RPM)	1500
Standby Power @ Rated Speed (kW)	21
Speed Governor	Mechanical
Fuel Consumption @ 100% Load (L/h)	5.0
Fuel Consumption @ 75% Load (L/h)	3.75
Fuel Consumption @ 50% Load (L/h)	2.5
Fuel Consumption @ 25% Load (L/h)	1.25
Total Oil Capacity (L)	7.4
System Voltage (V)	DC 12

Alternator

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

Exciter Type	Single bearing, Brushless, Self-excited
Rated Output Prime Power (kVA)	20
Rated Speed (RPM)	1500
Rated Frequency (Hz)	50
Phase	3
Power Factor	0.8
Voltage Adjust Range	≥5%
Voltage Regulation NL-FL	≤±1%
Insulation Class / Temperature Rise	H / H
Protection Grade	IP23

Main Electrical Performance

Voltage				Frequency			
Stable Regulation Rate	Fluctuation	Recover Time	Instantaneous Regulating Rate	Stable Regulation Rate	Instantaneous Regulating Rate	Recover Time	Fluctuation
+/-2.5%	0.5%	1.5s	+20%/-15%	+5%	+/-10%	5S	0.5%

Control System

We use famous and reliable controller brands such as DEEPSEA, COMAP & SMARTGEN.

Protection	Parameter
- Low Oil Pressure - Over Crank - Over Speed - Over / Low Volt - Over Load - Over / Low Frequency - Battery Charge Failure - High Water Temp.	- Volt - Oil Pressure - Current - Oil Temp. - Power - Power Factor - Speed - Running Time - Frequency - Water Temp. - Battery Voltage

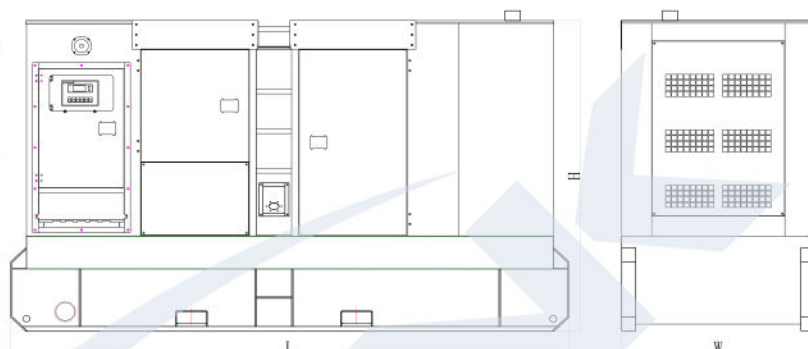


IntelLite AMF 25

Dimension & Weight

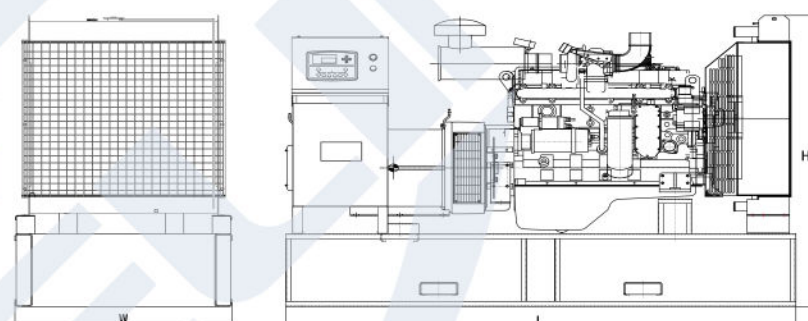
Canopy Type (PLG-Y22S)

Lenght	2100mm
Width	1000mm
Height	1216.5mm
Weight	1005KG



Open Type (PLG-Y22)

Lenght	N/A
Width	N/A
Height	N/A
Weight	N/A



Generator Spare Parts Options

Generator Set

- ☐ Trailer generator set
- ☐ ABB MCCB circuit breaker
- ☐ 50°C Radiator

Alternator

- ☐ PMG excitation
- ☐ Anti Condensation Heater

For Cold Area

- ☐ Water heater
- ☐ Oil heater

Exhaust System

- ☐ Residential exhaust silencer

Fuel System

- ☐ 12 hours base fuel tank
- ☐ 24 hours base fuel tank
- ☐ Double bunded base fuel tank
- ☐ Outside fuel tank

Auto System

- ☐ Remote Control panel
- ☐ ATS control cabinet
- ☐ Paralleling System

Pacelink reserves the right to change specification without prior notice in line with our continuous product developemnt.
For more information, please contact your local Sales or visit the PACELINK website at www.pacelinkpower.com