F Series

PLG-FM220(S)

50Hz 1500RPM 176kW/220kVA





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 490L fuel tank
- 50℃ Radiator available
- 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 ¢)	Prime Amps	Prime Ratings(kW/kVA)	Standby Ratings(kW/kVA)
380/220	50	3	0.8	304	160/200	176/220
400/230	50	3	0.8	289	160/200	176/220
415/240	50	3	0.8	278	160/200	176/220

- 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.

75dBA-76dBA @ 7m during 75% load

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.

F Series

Engine

Manufacturer / Model	NEF67TM7.S502
Air Intake System	Turbocharged aftercooled air/air, 4 Cycle
Fuel System	direct, mechanical injection
Number of Cylinders / Cylinder Arrangement	6 in Line
Displacement (L)	6.7L
Bore × Stroke (mm × mm)	104×132
Compression Ratio	17.5 : 1
Rated Speed (RPM)	1500
Standby Power @ Rated Speed (kW)	200
Speed Governor	Electronic
Fuel Consumption @ 100% Load (L/h)	42
Fuel Consumption @ 80% Load (L/h)	33
Fuel Consumption @ 50% Load (L/h)	21
Total Oil Capacity (L)	17.2
System Voltage (V)	DC 12/24

F Series

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)	200
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	• Volt	• Oil Pressure
• Over Speed	• Over / Low Volt	• Current	• Oil Temp.
• Over Load		• Power	• Power Factor
• Over / Low Frequency		• Speed	• Running Time
• Battery Charge Failure		• Frequency	• Water Temp.
• High Water Temp.			• Battery Voltage



ComAp
AMF25

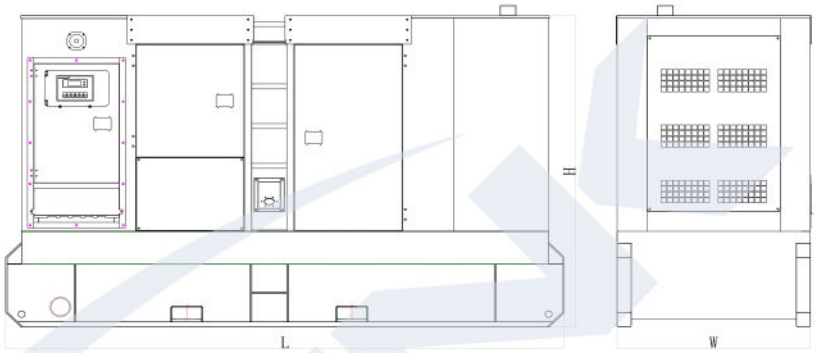
PACELINK

FPT POWERTRAIN TECHNOLOGIES

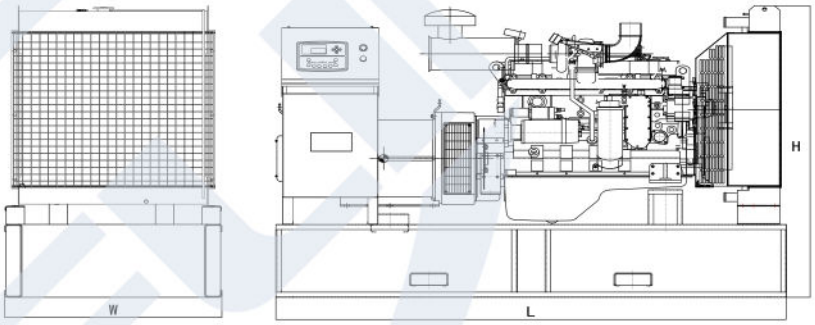
F Series

Dimension & Weight

Canopy Type (PLG-FM220S)	
Lenght	3430mm
Width	1120mm
Height	2090mm
Weight	2670KG



Open Type (PLG-FM220)	
Lenght	N/A
Width	N/A
Height	N/A
Weight	N/A



Generator Spare Parts Options

Generator Set	Alternator	For Cold Area
☐ Trailer generator set	☐ PMG excitation	☐ Water heater
☐ ABB MCCB circuit breaker	☐ Anti Condensation Heater	☐ Oil heater
☐ 50℃ Radiator		

Exhaust System	Fuel System	Auto System
☐ Residential exhaust silencer	☐ 12 hours base fuel tank	☐ Remote Control panel
	☐ 24 hours base fuel tank	☐ ATS control cabinet
	☐ Double bunded base fuel tank	☐ Paralleling System
	☐ Outside fuel tank	

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**