

## MPLS350S-1-SRAU

Powered by **Perkins**

\*PHOTOS FOR REFERENCE ONLY



### Applicable Standards

- ISO 8528 – 5:2018
- GB/T2820.5 – 2009
- CE

### Environmental Conditions

- Ambient temperature: +5°C ~ +40°C
  - Altitude: ≤ 1000m
- Remark: If your conditions are different from the above, please contact our sales.

### Factory Inspection

- Complete design and quality inspection
- 0%, 25%, 50%, 75%, 100%, 110% load test.
- Function test.
- Protection test
- Visual inspection

### Painting Process

- MPMC has the most advanced automatic spraying / powder coating production line, and is equipped with various sandblasting equipment to ensure higher quality.
- Canopy painting: Rigorous pretreatment process and world famous brand powder.
- Base Frame painting: Sandblasting process and world famous brand powder (Hempel paint is optional).



ISO9001 : 2015  
Quality System Certified



ISO14001  
System Certification



ISO45001  
OHS&S System Certification



CE Certificate

### MPMC Standard Features

*Heavy duty engine, replaceable filters, anti-vibration mount, operation manuals.*



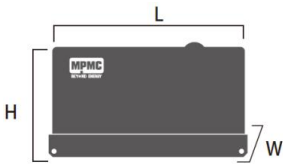
# GENSET

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## General Information

Rated Prime Power (kVA)	350
Rated Prime Power (kW)	280
Rated Standby Power (kVA)	385
Rated Standby Power (kW)	308
Rated Frequency (HZ)	50HZ
Rated Speed (RPM)	1500RPM
Rated Voltage (V)	415
PF	0.8
Control System	Digital
Engine Model	2206C-E13TAG2 L
Alternator Model	LSA 46.3 L11

## Dimensions & Weight



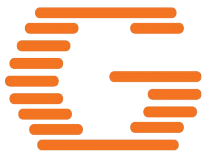
Bunded base fuel tank): 1750 (L) ; Dimension to Ref.: 5200x1785x2551 (mm)

Note: Specifications and illustrations are subject to revision without notice.

## Engine Specifications

### Engine

Engine Model	2206C-E13TAG2 L
Manufacturer	Perkins
Place of Origin	USA
Emission	N
Cylinder Arrangement	Vertical in-line
Number of Cylinders	6
Cycle	4 stroke
Aspiration	Turbocharged
Bore x Stroke (mm)	130x157(mm)
Displacement (L)	12.5 L
Speed Governor	ECU
Switchable	Y
Engine Gross Prime Power (kW)	305
Engine Gross Max. Power (kW)	349
Lube-oil Capability (L)	40 L
Fuel Consumption@110% load (L/h)	82.5
Fuel Consumption@100% load (L/h)	75
Fuel Consumption@75% load (L/h)	56.25
Fuel Consumption@50% load (L/h)	37.5



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Starter Motor/ Charger Alternator (Vdc)	24 Vdc
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Engine Accessories	
900FG	Fuel/Water Separator
Manual oil pump	HTG1009
Crankshaft breathing box	Yes
For 2206C-E13TAG2 L	50°C Off-engine Radiator

## Alternator Specifications

Alternator	
Alternator Model	LSA 46.3 L11
Manufacturer	Leroy Somer
Rated Output Power (kVA)	365
Alternator Type	Brushless
Phase	3
Poles	4
Exit Leads	12
Rated Voltage (V)	415
Rated Speed (RPM)	1500RPM
IP Protection Class	IP 23
Insulation Grade	H
Winding Pitch	2/3
Bearing	single
Coupling	Flexible disc

Alternator Accessories	
AREP	Yes

## Main Accessories Specifications

Base Frame Assembly		Qty.
Base Fuel Tank	24h Bunded Base Fuel Tank	1
Battery	120AH/24V Battery	1
Battery Isolate Switch	Padlock Box	1
Battery Isolate Switch	Single Pole Starter Isolate Switch	1
Battery Isolate Switch	Double Poles Isolate Switch	1
Lugs	AU Certified Lifting Point 3t	4
Fuel Pipes & Valves	Three-way Valve	1
Fuel Level Gauge	Electronic Fuel Level Sensor	1
Fuel Level Gauge	Mechanical Fuel Level Gauge	1
Air Inlet System		Qty.
Air Inlet Filter	Dual-element air filter with indicator	1

Canopy Assembly		Qty.
Rock Wool & Mesh Plate	Rock wool with mesh plate	1
Special Treatment for Canopy	Canopy	1
Door Lock	304 stainless steel door lock	1
Hinge	304 stainless steel hinge	1
Switchgear		Qty.
ABB MCCB	ABB MCCB MOTORIZED 4P 500A	1
Australian Electrical Standard	MEN & SAA Cables	1
Leakage Relay & Zero Sequence	ABB Toroid TR3	1
Leakage Relay & Zero Sequence	ABB ELR RD3-48	1
Control Panel Assembly		Qty.
Smartgen Floating charger	MPMC BAC06	1
Comap Controller	IG-500 G2	1
Others	10 meters parallel communication cable	1
Smoke Exhaust System Assembly		Qty.
Fiberglass Insulation	High temperature electronic glass fiber barrier(Width:180mm)	5
Smoke Exhaust Pipes	Shockproof joint (304ss.)	1
Industrial Grade Silencer	Industrial Grade Silencer	2

