

MCS300S-1-SRAU

Powered by **CUMMINS**

*PHOTOS FOR REFERENCE ONLY



MPMC Standard Features

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

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).



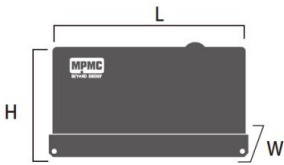
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General Information

Rated Prime Power (kVA)	300
Rated Prime Power (kW)	240
Rated Standby Power (kVA)	330
Rated Standby Power (kW)	264
Rated Frequency (HZ)	50HZ
Rated Speed (RPM)	1500RPM
Rated Voltage (V)	415
PF	0.8
Control System	Digital
Engine Model	6LTAA9.5-G1
Alternator Model	S4L1S-D4

Dimensions & Weight



24h Bunded Base Fuel Tank; Dimension to Ref.: 4300*1430*2557 (mm)

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

Engine Specifications

Engine

Engine Model	6LTAA9.5-G1
Manufacturer	CUMMINS
Place of Origin	DCEC/China
Emission	NA
Cylinder Arrangement	Vertical inline
Number of Cylinders	6
Cycle	4 stroke
Aspiration	Turbocharged
Bore x Stroke (mm)	116.5 x 148 (mm)
Displacement (L)	9.5 L
Speed Governor	E
Switchable	Y
Engine Gross Prime Power (kW)	290
Engine Gross Max. Power (kW)	320
Lube-oil Capability (L)	32.4 L
Fuel Consumption@110% load (L/h)	77
Fuel Consumption@100% load (L/h)	70
Fuel Consumption@75% load (L/h)	52.5

Fuel Consumption@50% load (L/h)	35
Starter Motor/ Charger Alternator (Vdc)	24 Vdc

Engine Accessories	
Crankshaft breathing box	Yes
For 6LTAA9.5-G1	55°C(S004), Off-engine Radiator
Fuel-water separator (Engine origin)	Yes
Manual oil pump	HTG1009

Alternator Specifications

Alternator	
Alternator Model	S4L1S-D4
Manufacturer	Stamford
Rated Output Power (kVA)	300
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	
PMG + MX341 AVR	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	2
Fuel Pipes & Valves	Three-way Valve	1
Fuel Level Gauge	Mechanical Fuel Level Gauge	1
Fuel Level Gauge	Electronic Fuel Level Sensor	1



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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	SRAU Canopy-Galvanized Steel	1
Door Lock	304 stainless steel door stay	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	JUREN RCD RELR-3DS/DC24V Type A	1
Control Panel Assembly		Qty.
Smartgen Floating charger	MPMC BAC06	1
Comap Controller	IG-500 G2	1
Others	10 meters parallel communication cable	1
Others	Heavy duty connector (10 poles)	1
Smoke Exhaust System Assembly		Qty.
Fiberglass Insulation	High temperature electronic glass fiber barrier(Width:180mm)	5
Smoke Exhaust Pipes	Shockproof joint (304ss.)	1
Residential Grade Silencer	Residential Grade Silencer	1