

EPPS210-M

240 kW / 209 kWh Liquid Cooled Mobile Power Unit
For Comprehensive Off-grid Power Supply

NEW



Effortless Mobility

Designed for easy towing and rapid deployment across locations and terrains



All-in-One Energy Hub

Supports AC/DC input, multiple output sockets, and two charging connectors



Quick Charging

Gets over 110km of range with 5 minutes of charging



Generator Hybrid Operation

Works together with diesel generators to reduce fuel consumption and improve efficiency

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AC Input Parameters

Rated Voltage	400 Vac, 3W+N+PE
Nominal Grid Frequency	50/60 Hz
Max. Power	86 kW
Input Socket	125 A Industrial Socket
Mode	Grid Mode & Generator Mode

DC Input Parameters

Nominal Voltage	665.6 V
Voltage Range	561.6 Vdc – 748.8 Vdc
Max. Current	200 A
Max. Power	138 kW

DC Output Parameters

Max. Output Power	200 kW (Off-Grid) / 240 kW (On-Grid)
Output Voltage Range	200 Vdc – 1,000 Vdc
Max. Current	300 A
Charging Connector Type	2 * CCS2
Cable Length	5 m

AC Output Parameters

Output Socket Type	CEE Socket	CEE Socket	Type E/CEE Socket
Rated Voltage	400 Vac	400 Vac	230 Vac
Max. Output Power	113 kVA (Battery assisted)		
Max. Output Current	125 A	32 A	16 A
Numbers of Socket	1	1	1

General Parameters

Nominal Energy	209 kWh
Nominal Cell Capacity	314 Ah
Battery Pack Weight / Quantity	350 kg/unit, total 4 units
Cell Type	LFP
Altitude	<2,000 m, Derating Above 2,000 m
Operating Relative Humidity	5 – 95%RH, No Condensation
Operating Temperature Range	-20 °C – 50 °C, >45°C derating
Thermal Management Mode	Liquid Cooling & Heating
Ingress Protection	IP54 (System), IP67 (Battery Packs)
Corrosion Protection Class	C4
Dimensions (W×D×H), without trailer	1,500 × 2,200 × 1,680 mm
Weight, without trailer	~2,900 kg

*Specifications may be changed without prior notice due to continuous product improvement.