

EPPS93-M

60kW 93kWh Liquid Cooling Mobile Power Unit For Comprehensive Off-grid Power Supply



All-in-One

- Highly integrated battery inverter, ESS, fast charge input, EV charger, liquid cooling, optional solar inverter system in a compact cabinet
- Multiple usage scenarios



High Performance

- High quality LFP cells
- Up to 60kW DC charge output
- Broad temperature range for use



Robustly Designed

- 8mm steel galvanized cold rolled coil chassis
- 4mm 360° full body protection
- Automotive-grade waterproof components



Off-grid AC Output

- Energy independent for household
- Up to 33kVA AC output for use
- Single and three phase sockets availability

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AC Input Parameters

Rated Voltage	400 Vac, 3W+N+PE
Nominal Frequency	50 Hz
Rated Charging Power	30 kW
Input Socket	CEE Socket 125A
THD-I	<3%

* 30 kW refers to the maximum charging power to the battery. When supplying bypass load simultaneously, the actual input power may exceed 30 kW depending on load demand.

DC Input Parameters

Nominal Voltage	332.8 V
Voltage Range	260 Vdc ~ 379.6 Vdc
Max. Current	168 A
Max. Power	60 kW
DC Input Socket	GB/T Socket CCS2 Socket

PV Input Parameters (Optional)

Max. Power	30 kW
MPPT Voltage Range	150 Vdc ~ 425 Vdc
Max. PV Input Current	84 A
MPPT Trackers/ Strings	2/4
PV Input Socket	4 x MC4

DC Output Parameters

Product Model	EPPS93-M(GB/T)	EPPS93-M(CCS2)
Max. Output Power	60 kW	60 kW
Output Voltage Range	150 Vdc ~ 1,000 Vdc	150 Vdc ~ 1,000 Vdc
Max. Current	200 A	200 A
Output Plug	GB/T Plug	CCS2 Plug

AC Output Parameters

Rated Voltage	230 Vac	400 Vac
Max. Output Power	33 kVA	
Max. Output Current	16 A	47 A
Output Socket	2 * Type E	CEE Socket 63A

General Parameters

Nominal Energy	93 kWh
Usable Energy	84 kWh
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. Derating Above 45 °C
Thermal Management Mode	Liquid Cooling & Heating
Rated Cooling Input Power	3 kW
Ingress Protection	IPX4
Anti Corrosion Grade	C4
Dimension(W*D*H)	1,600 mm*1,100 mm*1,580 mm
Weight	~1,500 kg