

EPPS40-AC

**30kW 40kWh Air Cooling Mobile Power Unit
For Transportable Power in Dynamic Environments**



Easy Mobility

Electric-driven wheels with steering—reposition the unit effortlessly anywhere on site



Flexible Loads

Dual type sockets configurable output power to run any combination of loads



Rugged Design

IP54, C4 corrosion protection and -20 °C to 50 °C operation, built to withstand the harsh outdoor conditions



Smart Management

Manages seamlessly with a smart cloud and human-computer interface

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AC Input Parameters

Rated Voltage	400 Vac, 3W+N+PE
Nominal Grid Frequency	50/60 Hz
Rated Power	33 kW Adjustable
Max. Current	48 A
System Voltage Format	TT/TN-S/TN-C/TN-C-S
Power Factor	1 (- 0.8 ~ + 0.8) Adjustable
THDi	< 3%
Input Socket	5-Pin 3-Phase Industrial Socket

AC Output Parameters

Output Socket Type	CEE Socket	Type G
Rated Voltage	400 Vac	230 Vac
Max. Output Power	30 kW	10 kW
Max. Output Current	43 A	13 A
Socket Count	1	3

General Parameters

Nominal Energy	40 kWh
Usable Energy	36 kWh
Cell Type	LFP
Travel Speed	4 km/h
Drive Motor Rated	0.75 kW
Altitude	<2,000 m. Derating Above 2,000 m
Operating Relative Humidity	5 ~ 95%RH. No Condensation
Operating Temperature Range	-20 °C ~ 50 °C
Thermal Management Mode	Air Cooling
Ingress Protection	IP54
Anti Corrosion Grade	C4
Dimension(W*D*H)	1,550 mm*700 mm*1,650 mm
Weight	~800 kg

Protection

Phase-Lacking Fault Protection	YES
Over/Under-Voltage Protection	YES
Over-Current Protection	YES
Over-Temperature Protection	YES
Short-Circuit Protection	YES

*As new products, specifications are subject to change without notice.