

MAXPOWER®



SAFE

Grade A
LiFePO₄ Cell

RELIABLE

Compatible with
Major PCS Brand

SCALABLE

Scalable from 32
to 2025 kWh

Model	MP32000-Ultra
Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	628 Ah
Battery Energy	32 kWh
Charge Current	150 A
Charge Power	7.68 kW
Discharge Current	200 A
Discharge Power	10.24 kW
Short Circuit Current	540 A
Communication	
Display	Color Touchscreen
Communication	CAN, RS485, RS232
General Specification	
Dimension (WxDxH mm)	800 x 325 x 900 mm
Weight (kg)	240 kg
Installation	Floor Stand
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C
Operating / Storage Humidity	≤95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP20
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Cycle Life	6000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL
Scalability	Max 63 batteries in parallel
Standard Compliance (more available upon request)	
Certificates	CE, UN38.3
Ordering and Deliverable Part	
Product Ordering Part	MP32000-Ultra Battery (Cable included)