

MAXPOWER®



SAFE

Grade A
LiFePO₄ Cell

RELIABLE

Compatible with
Major PCS Brand

SCALABLE

Scalable from 5.12
to 76.8 kWh

Model	MP5000-Ultra
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Performance

Nominal Voltage	51.2 Vdc
Nominal Capacity	100 Ah
Battery Energy	5.12 kWh
Charge Current	50 A
Charge Power	2.56 kW
Discharge Current	100 A
Discharge Power	5.12 kW
Short Circuit Current	350 A

Communication

Display	Color touchscreen
Communication	CAN, RS485, RS232

General Specification

Dimension (WxDxH mm)	630 x 420 x 145 mm
Weight (kg)	47.3 kg
Installation	Floor Stand or Wall Mount
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 / 1C, 60% EOL
Scalability	Max 15 batteries in parallel

Standard Compliance (more available upon request)

Certificates	CE, UN38.3
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Ordering And Deliverable Part

Product Ordering Part	MP5000-Ultra Battery (Cable / wall mount included)
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