



SAFE
Grade A
LiFePO₄ Cell

RELIABLE
Compatible with
Major PCS Brand

SCALABLE
Scalable From 16
to 1008 kWh

Model	APEX 16K
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Performance

Nominal Voltage	51.2 Vdc
Nominal Capacity	314 Ah
Battery Energy	16 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	LED indicator
Communication	CAN, RS485, RS232

General Specification

Dimension (WxDxH mm)	800 x 530 x 231 mm
Weight (kg)	130 kg
Installation	Floor Stand
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C
Operating / Storage	≤95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP54
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Cycle Life	8000 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
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Ordering and Deliverable Part

Product Ordering Part	APEX 16K Battery(Cable included)
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