



SAFE

Grade A
LiFePO₄ Cell

RELIABLE

Compatible with
Major PCS Brand

SCALABLE

Scalable From 16
to 1008 kWh

Model	APEX 16
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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)	780 x 500 x 230 mm
Weight (kg)	120 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	IP20
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

Ordering and Deliverable Part	
Product Ordering Part	APEX 16 Battery (Cable included)