

Model APEX 16K
Battery Energy 16 kWh
IP Rating IP54
Cycle Life 8000 Cycles @ 80%
 DoD/25°C/0.5C, 60% EOL



SAFE
 Grade A
 LiFePO₄ Cell

RELIABLE
 Compatible with
 Major PCS Brand

SCALABLE
 Scalable From 16
 to 1008 KWH

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