1P16S

Air Cooling Battery Pack 1P16S 16kWh

High energy density

High-capacity LFP cells deliver over 100kWh in a single 1P104S pack with long cycle life

Long Cycle Life

LFP chemistry plus IP67-rated pack design and multi-level protection deliver strong system safety

Pack-Level Fire Protection

Integrated liquid cooling keeps cells in the optimal temperature window, even under high C-rate and harsh climates

Built-In Air Duct

Standardized 1P104S module design simplifies system integration and supports flexible expansion to MWh-scale systems

TECHNICAL PARAMETERS

	Parameter
Cell type	LFP314Ah
Combination method	1P16S
Rated voltage (Vdc)	51V
Rated energy (kWh)	16kWh
Magnification (Cp)	≤0.5
Weight (W×D×H)	105.5
Size (mm)	725 × 454 × 253 mm
Temperature control method	Air cooling
Circle life	Up to 6000 circles
Ingress protection	IP 20