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Certification

UL, IEC and RoHS Certification
Comprehensive Grid Compliance

Service

End-to-End Turnkey Solutions
Global Delivery Capabilities

Performance

91% Highest Round-trip Efficiency
8000 Cycles Lifespan

Deployment

Deliver as Skid Package
Low Cost Deployment Onsite

Safety

Aerosol Firefighting
Pressure Relief Valve System
Multi-level Electrical Protection

Configurations			
Specification	100kW/211kWh	100kW/241kWh	100kW/265kWh
DC Parameters			
Rated Energy	211.5kWh	241.2kWh	265.3kWh
Rated Voltage	691.2V	768V	844.8V
Voltage Range	604.8V ~ 777.6V	672V ~ 864V	739.2V ~ 950.4V
Cycles Expected @100%DoD 70%EoL 25±5°C 0.5P/0.5P	8000 Cycles	8000 Cycles	8000 Cycles
Battery Type	LFP 314Ah		
Configuration	1P216S	1P240S	1P264S
AC Parameters			
Rated AC Power	100kW		
Rated Grid Voltage	400V		
Grid Voltage Range	352V ~ 440V		
Maximum AC Current	167A		
THDi	<3%		
Rated Grid Frequency	50Hz/60Hz		
Power Factor	-1 ~ 1		
Grid Type	3P + N + PE		
System Parameters			
Highest Round-trip Efficiency	91%		
Operating Temperature	-30°C~+55°C		
Storage Temperature	-30°C~+60°C		
Humidity	0%~100% (Non Condensing)		
Altitude	≤2000m		
Communication Interface	Ethernet / RS485		
Communication Protocol	Modbus TCP / Modbus RTU / IEC104		
IP Rating	IP55		
Corrosion Protection	C4		
Thermal Management	Forced Air Cooling		
Noise Rating	≤70dB		
Dimension(WxDxH)	1500x1300x2200mm (Battery System) 800x1300x2200mm (AC Control System)		
Total Skid Weight	2805kg	2975kg	3145kg
Certifications			
Battery Cells	UL1973,UL9540A,IEC62619,UN38.3		
Battery System	IEC62619,IEC63056,IEC60730-1 Annex H IEC62477-1,IEC61000-6-2/-4,Rohs,Reach,UN38.3		
PCS EMC/LVD	IEC61000-2/-4,IEC 62477-1		
Grid Compliance	EN50549-1,EN50549-2,VDE 4105,VDE 4110,G99,AS 4777.2 NTS2.1&UNE217002,C10/C11,CEI 0-21,CEI 0-16		