

ENGINEERED TO PERFORM, BUILT TO SCALE

ECLIPSE

614.4V100AH

- Reliable energy storage platform for C&I applications
- Durable operation for repeatable project deployment
- Integrated protection and monitoring for safer operation
- Flexible configuration for PV, grid and backup loads

SYSTEM SNAPSHOT

Confirmed Core Metrics

ENERGY	VOLTAGE	MODULES	INSTALL
61.44kWh	614.4V	8	Floor

ENDURING QUALITY Superior longevity with extended cycle life and warranty	EFFICIENT PERFORMANCE Consistent operation with stable energy output	EXPERT COMMUNICATION Multilingual technical support with professionalism
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Applications



Technical Parameters

PARAMETER	SPECIFICATION
Model	614.4V100AH
Battery Type	LiFePO4
Cell Model	3.2V100AH
Compound Mode	24S1P
Battery Model	76.8V100AH
Rated Voltage per Module	76.8V
Rated Capacity	100AH
Rated Energy per Module	7.68kWh
Operating Voltage per Module	67.2V - 87.6V
Maximum Continuous Charge Current	100A
Maximum Continuous Discharge Current	100A
Communication	CAN

PARAMETER	SPECIFICATION
Cycle Life	>6000
Warranty	10 years
Certification	UN38.3, IEC62619, CE
Battery Module Dimension	486*745*154(mm)
Weight per Module	65kg
Number of Battery Modules	8
System Nominal Energy	61.44kWh
System Nominal Voltage	614.4V
System Operating Voltage	576V - 691.2V
Parallel Mode	1P192S
Balance	Active Balancing
Scalability	Up to 4 clusters parallel

Technical Parameters · Continued

PARAMETER	SPECIFICATION
Other Components	Air-cooled, aerosol extinguisher, power and connection cables
Cabinet Dimension (for 13 Slots)	700 × 1050 × 1900 mm
Installation	Floor-mounting
Operating Temp. (Charging)	0°C to 50°C

PARAMETER	SPECIFICATION
Operating Temp. (Discharging)	-10°C to 50°C
Storage Temperature	5°C to 45°C
Protection	Overcharge/discharge, overcurrent, overheat, short circuit, breaker, fuse
Module Capacity	100 Ah