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PRODUCT MANUAL



Guangdong WenRui New Energy Co., Ltd



catalogue

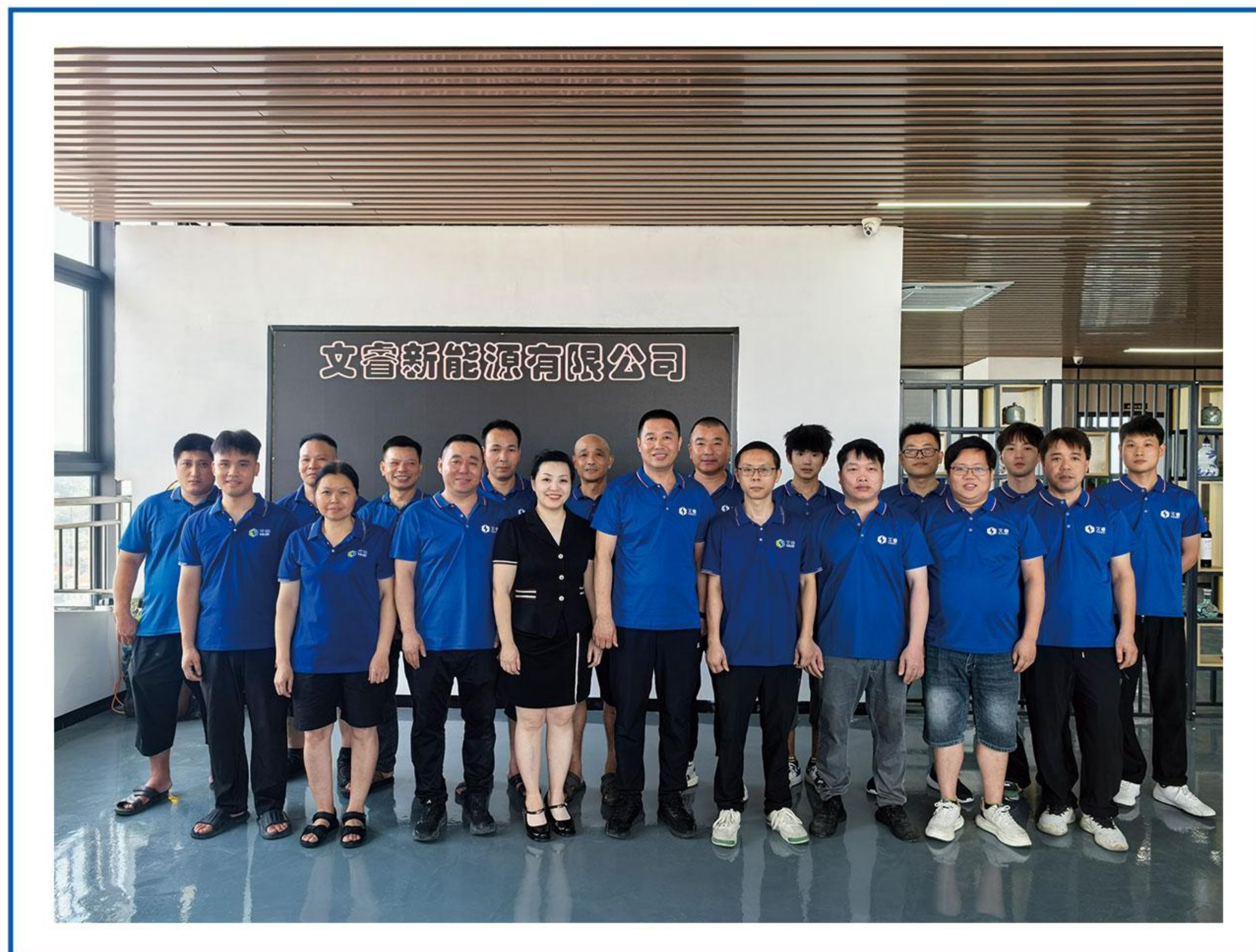
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ABOUT US

Situated in the vibrant hub of Huizhou, China, Huizhou Wenrui New Energy Co., Ltd. shines as a beacon of innovation and excellence in crafting power batteries and energy storage solutions.

Our extensive years of dedicated manufacturing and pioneering R&D expertise propel us to specialize in high-performance lithium-ion batteries, meticulously engineered to meet the ever-evolving demands of the global market.

With our trailblazing technologies and unwavering commitment to quality, we proudly lead the charge in delivering energy solutions worldwide.



CORPORATE CHARACTERISTICS



Focus on the energy storage battery industry for 20 years



The projects are distributed across 100 countries



The factory building covers an area of 5,000 square meters



The company has over 500 employees

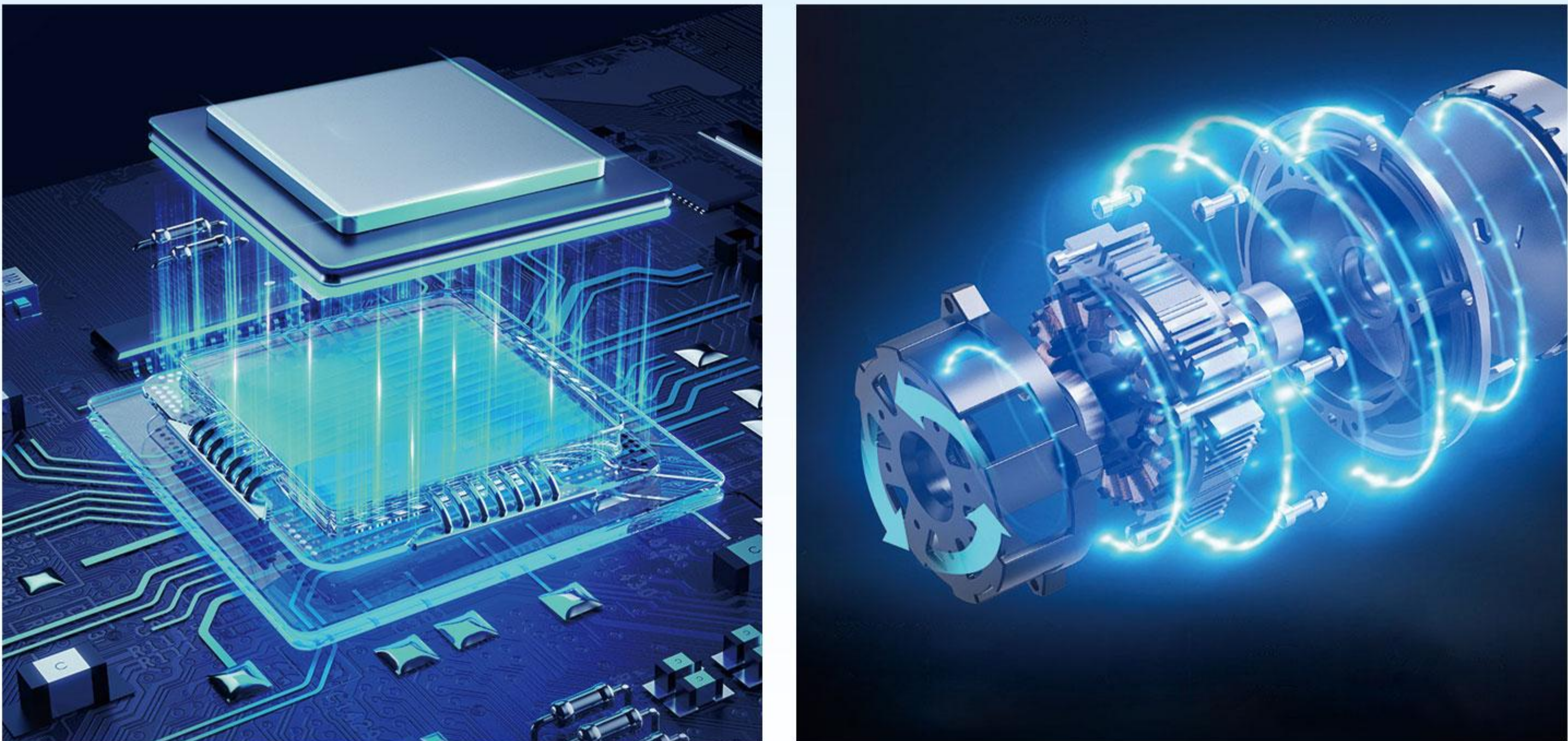
BUSINESS AREAS

Household energy storage system: Explore our advanced lithium battery solutions for 5 kW, 10 kW, and 15 kW, which include seamless alternatives to lead-acid systems and are designed to revolutionize household energy efficiency and sustainability.

Special vehicle batteries: Explore reliable power solutions specifically designed for golf cars, sightseeing cars, electric motorcycles, tricycles, quadricycles, and recreational vehicles. These solutions are aimed at achieving superior performance and ensuring unparalleled reliability.



BUSINESS AREAS



Commercial and Industrial (C&I) Energy Storage: Our scalable system is carefully designed to provide exceptional energy reliability and efficiency for commercial and industrial sectors.

Solar energy storage integration: Our efficient and sustainable batteries are designed for seamless integration with renewable energy systems, supporting a greener and more sustainable future.

Customized Battery Solutions: We offer tailored designs to meet your specific application needs, ensuring that your unique requirements are met with unparalleled precision and professionalism.



72V 30Ah

Project	Specifications
Model	72V 30Ah
Rated energy	2304Wh
Rated capacity	30Ah
Minimum capacity	≥ 98% of rated capacity
Rated voltage	76.8V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	87.6V
Discharge cut-off voltage	60V
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	10A
Maximum continuous charging current	15A
Maximum continuous discharge current	60A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 120A
Shipping voltage	78V-82V



60V 30Ah

Project	Specifications
Model	60V 30Ah
Rated energy	1920Wh
Rated capacity	30Ah
Minimum capacity	≥ 98% of rated capacity
Rated voltage	64V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	73V
Discharge cut-off voltage	50V
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	10A
Maximum continuous charging current	15A
Maximum continuous discharge current	60A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 60A
Shipping voltage	68V-72V



Project	Specifications
Model	72V 60Ah
Rated energy	4608Wh
Rated capacity	60Ah
Minimum capacity	≥ 98% of rated capacity
Rated voltage	76.8V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	87.6V
Discharge cut-off voltage	60V
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	20A
Maximum continuous charging current	30A
Maximum continuous discharge current	80A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 160A
Shipping voltage	78V-82V



Project	Specifications
Model	60V 60Ah
Rated energy	3840Wh
Rated capacity	60Ah
Minimum capacity	≥ 98% of rated capacity
Rated voltage	64V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	73V
Discharge cut-off voltage	50V
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	20A
Maximum continuous charging current	30A
Maximum continuous discharge current	80A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 160A
Shipping voltage	68V-72V



Project	Specifications
Model	72V 67Ah
Rated energy	5145Wh
Rated capacity	67Ah
Minimum capacity	≥ 98% of rated capacity
Rated voltage	76.8V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	87.6V
Discharge cut-off voltage	60V
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	20A
Maximum continuous charging current	30A
Maximum continuous discharge current	80A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 160A
Shipping voltage	78V-82V



Project	Specifications
Model	60V 67Ah
Rated energy	4288Wh
Rated capacity	67Ah
Minimum capacity	≥ 98% of rated capacity
Rated voltage	64V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	73V
Discharge cut-off voltage	50V
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	20A
Maximum continuous charging current	30A
Maximum continuous discharge current	80A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 160A
Shipping voltage	68V-72V



72V 100Ah

Project	Specifications
Model	72V 100Ah
Rated energy	7680Wh
Rated capacity	100Ah
Minimum capacity	≥98% of rated capacity
Rated voltage	76.8V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	87.6V
Discharge cut-off voltage	000
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	20A
Maximum continuous charging current	40A
Maximum continuous discharge current	120A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 240A
Shipping voltage	78V-82V



60V 100Ah

Project	Specifications
Model	60V 100Ah
Rated energy	6400Wh
Rated capacity	100Ah
Minimum capacity	≥ 98% of rated capacity
Rated voltage	64V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	73V
Discharge cut-off voltage	50V
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	20A
Maximum continuous charging current	40A
Maximum continuous discharge current	150A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 240A
Shipping voltage	68V-72V



72V 120Ah

Project	Specifications
Model	72V 120Ah
Rated energy	9216Wh
Rated capacity	120Ah
Minimum capacity	≥ 98% of rated capacity
Rated voltage	76.8V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	87.6V
Discharge cut-off voltage	60V
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	20A
Maximum continuous charging current	40A
Maximum continuous discharge current	150A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 300A
Shipping voltage	78V–82V



60V 120Ah

Project	Specifications
Model	60V 120Ah
Rated energy	7680Wh
Rated capacity	120Ah
Minimum capacity	≥ 98% of rated capacity
Rated voltage	64V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	73V
Discharge cut-off voltage	50V
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	20A
Maximum continuous charging current	40A
Maximum continuous discharge current	150A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 300A
Shipping voltage	68V–72V



72V 166Ah

Project	Specifications
Model	72V 166Ah
Rated energy	12748Wh
Rated capacity	166Ah
Minimum capacity	≥ 98% of rated capacity
Rated voltage	76.8V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	87.6V
Discharge cut-off voltage	60V
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	20A
Maximum continuous charging current	40A
Maximum continuous discharge current	200A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 400A
Shipping voltage	78V-82V



60V 166Ah

Project	Specifications
Model	60V 166Ah
Rated energy	10624Wh
Rated capacity	166Ah
Minimum capacity	≥ 98% of rated capacity
Rated voltage	64V
Battery cell internal resistance	≤0.47mΩ
Charging cut-off voltage	73V
Discharge cut-off voltage	50V
Self-consumption	≤50uA
Charging mode	CC&CV (Constant Current and Constant Voltage)
Standard charging current	20A
Maximum continuous charging current	40A
Maximum continuous discharge current	200A
Maximum supported series voltage	/
Maximum supported parallel capacity	/
Seak current	(Lasts for 2 seconds) 400A
Shipping voltage	68V-72V