

EAST Sodium-ion Battery

Power type layered oxide sodium-ion battery



Items	Parameters
Charging voltage	3.95V
Nominal voltage	3.0V
Capacity (1.5~3.95V)	70Ah
Nominal capacity (room temperature, 0.5C)	72Ah
Standard charging mode (@25±2℃)	0.5C constant current charging to 3.95V, constant voltage to 0.05C cut-off
Maximum continuous charge current (C)	1.0
Maximum continuous discharge current (C)	6.0
Discharge cut-off voltage	>0℃~1.5V ≤0℃~1.0V
Operating temperature	Charge temperature: 0~40℃; Discharge temperature: -40~60℃
DC internal resistance@room temperature, 50%SOC	≤1.0mΩ
Weight	≈1.78Kg
Battery size	Height: 118.6±0.8mm
	Width: 160.3±0.8mm
	Depth: 50±0.8mm

Note: Specifications are subject to change without notice.
The pictures are for reference, please refer to the actual product.

Power type polyanion sodium-ion battery



Items	Parameters
Charging voltage	3.6V
Nominal voltage	2.85V
Capacity (1.5~3.6V)	50Ah
Nominal capacity (room temperature, 0.5C)	50Ah
Standard charging mode (@25±2℃)	0.5C constant current charging to 3.6V, constant voltage to 0.05C cut-off
Maximum continuous charge current (C)	1.0
Maximum continuous discharge current (C)	6.0
Discharge cut-off voltage	>0℃~1.5V ≤0℃~1.0V
Operating temperature	Charge temperature: 0~40℃; Discharge temperature: -40~60℃
DC internal resistance@room temperature, 50%SOC	≤1.0mΩ
Weight	≈1.60Kg
Battery size	Height: 118.6±0.8mm
	Width: 160.3±0.8mm
	Depth: 50±0.8mm

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Energy type layered oxide sodium-ion battery



Items	Parameters
Charging voltage	3.95V
Nominal voltage	3.0V
Capacity (1.5~3.95V)	220Ah
Nominal capacity (room temperature, 0.2C)	225Ah
Standard charging mode (@25±2℃)	0.5C constant current charging to 3.95V, constant voltage to 0.05C cut-off
Maximum continuous charge current (C)	1.0
Maximum continuous discharge current (C)	2.0
Discharge cut-off voltage	>0℃~1.5V ≤0℃~1.0V
Operating temperature	Charge temperature: 0~40℃; Discharge temperature: -40~50℃
DC internal resistance@room temperature, 50%SOC	≤1.0mΩ
Weight	≈4.4Kg
Battery size	Height: 206.8±0.5mm
	Width: 173.9±0.5mm
	Depth: 71.6±0.5mm

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Energy type polyanion sodium-ion battery



Items	Parameters
Charging voltage	3.6V
Nominal voltage	2.85V
Capacity (1.5~3.6V)	160Ah
Nominal capacity (room temperature, 0.2C)	163Ah
Standard charging mode (@25±2℃)	0.2C constant current charging to 3.6V, constant voltage to 0.05C cut-off
Maximum continuous charge current (C)	1.0
Maximum continuous discharge current (C)	2.0
Discharge cut-off voltage	>0℃~1.5V ≤0℃~1.0V
Operating temperature	Charge temperature: 0~40℃; Discharge temperature: -40~60℃
DC internal resistance@room temperature, 50%SOC	≤1.0mΩ
Weight	≈4.7Kg
Battery size	Height: 206.8±0.5mm
	Width: 173.9±0.5mm
	Depth: 71.6±0.5mm

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