

SolarInnovate Energy Solutions

60v lithium battery pack specifications



Overview

Specification Item Specification Technical data: AIN-60V-12Ah Chemistry: Li-ion/Lithium ion No. of cells: 18650 16S5P Capacity: 12Ah discharging at 0.2C Nominal Voltage: 60V Standard charge voltage: $67.2V \pm 0.05V$ Standard discharge voltage: $48 \pm 0.05V$ Impedance: $\leq 150 \text{ m}\Omega$ Norminal Charge Current: 0.5C Maximum Charge Current: <10Ah (can be adjustable) Maximum Discharge Current: <15Ah (can be adjustable 10A 20A) Maximum Pulse discharge current: $\leq 45A$ (can be adjustable) Charge end current: 0.01C Operation Temperature Range: Charge: $0 \sim 45^{\circ}\text{C}$ Discharge: $-20 \sim 60^{\circ}\text{C}$ Storage Temperature: Less than 1 year: $-20 \sim 25^{\circ}\text{C}$ less than 3 months: $-20 \sim 40^{\circ}\text{C}$ Weight: Approx 4.5kg Dimension: Customized Charger: Item Specification Technical data 67.2V 2A/5A Input Voltage AC90~240V Output Voltage 67.2V Max charging current.

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Understanding the 60V Lithium Battery: Voltage, Capacity, ...

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-  Extended Cycle life
-  Low Self Discharge
-  Superior Cranking Power
-  Completely Sealed
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