



48v 100AH

LITHIUM INVERTER/UPS BATTERY

POWER UP WITH SMARTECH BATTERY



Call Us
8888 289 817



More Information
www.smartechbattery.com



Our Email Address
smartechbattery@gmail.com

A CLEANER & GREENER PLANET



SMARTECH Battery:
Light, Powerful, Reliable.



SMARTECH BATTERY

Industrial Strength, Smartech Battery Power

About US

Since 2015, **SMARTECH** Battery has emerged as a leader in lithium battery technology. We specialize in designing custom lithium battery packs for a wide array of applications, including electric vehicles and solar systems, as well as portable electronics and medical equipment. Our offerings also include inverter, UPS, energy storage, solar, high-voltage, telecom sector, EV, e-rickshaw, and golf cart batteries. **SMARTECH Battery manages the entire process, from sourcing raw materials to assembling and testing the final products, to ensure the highest quality.** With a strong focus on quality, innovation & Service, Smartech Battery provides dependable and sustainable energy solutions to both businesses and individuals in India.

Key Advantages of Our Lithium Batteries

- | | | |
|---|---|---|
|  <p>High Energy Density
Maximizes power storage in compact sizes.</p> |  <p>Longer Cycle Life
Provides extended battery lifespan.</p> |  <p>Eco-friendly Production
Utilizes sustainable manufacturing processes.</p> |
|  <p>Fast Charging Capability
Reduces downtime with rapid recharging.</p> |  <p>Enhanced Safety Features
Incorporates advanced safety technologies.</p> |  <p>Wide Temperature Range
Performs reliably in extreme conditions.</p> |
|  <p>Lightweight Design
Easy to handle and transport.</p> |  <p>Compact Size
Saves space without sacrificing power.</p> |  <p>No Maintenance
Requires no upkeep and no gassing.</p> |



SMARTECH LITHIUM BATTERY

With SMARTECH Battery You Can Be Assured Of

- Consistency of Product Quality
- Consistency of Timely Deliveries
- Consistency of Safety and Reliability

Our SMART BMS Features



ENERGY STORAGE SYSTEM



BESS/Container
(Battery Energy Storage System)



Inverter/UPS



Street Solar Light



**Agriculture
Spary Pump**



Golf Cart



E-Rickshaw



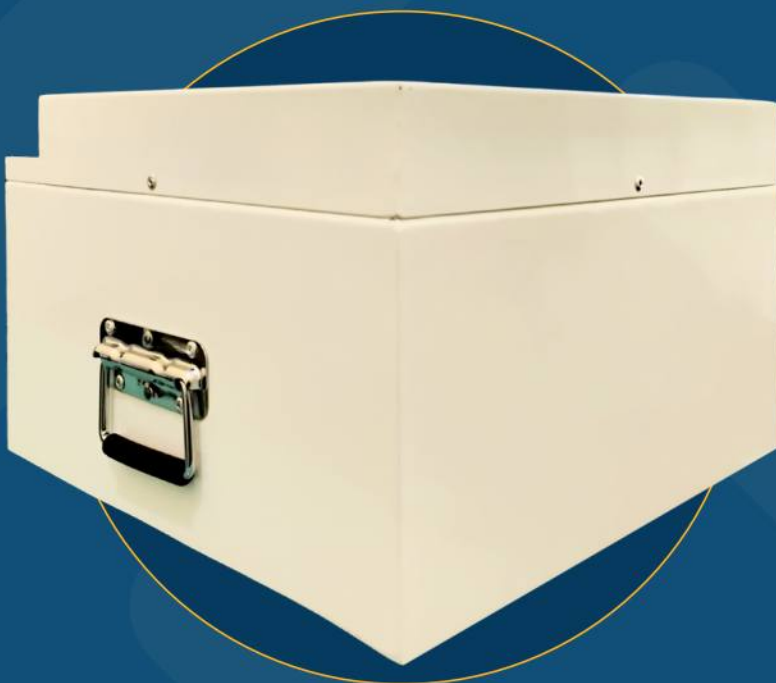
E-Scooter



**Our Battery
Solutions**

PRODUCT APPEARANCE

48V 100AH



PRODUCT DIMENSION

48V 100AH



We create custom dimensions

* Approximate Dimension



SMARTECH Lithium Inverter/UPS Battery

BMS

Built-in intelligent BMS for battery protection



Support Monitoring via Mobile App



Equipment with RS485/CAN Communication



Efficiency & long-lasting service life

10

+10 Years Life Design

SOC

With State of Charge Design

Model	SB-2000
Type of Core	Lithium Prismatic Battery
Nominal Voltage (VDC)	48v
Lithium Battery Voltage (VDC)	51.8v
Nominal Capacity (Ah)	100Ah
Rated Energy (KW)	5180 Watt
Recommended Charging Voltage (VDC)	58.8v
Recommended Discharge Cut-Out Voltage (VDC)	39.2v
Standring Charging Current (A)	0.2C
Standard Discharge Current (A)	0.5C
Maximum Discharge Current (A)	100Amp

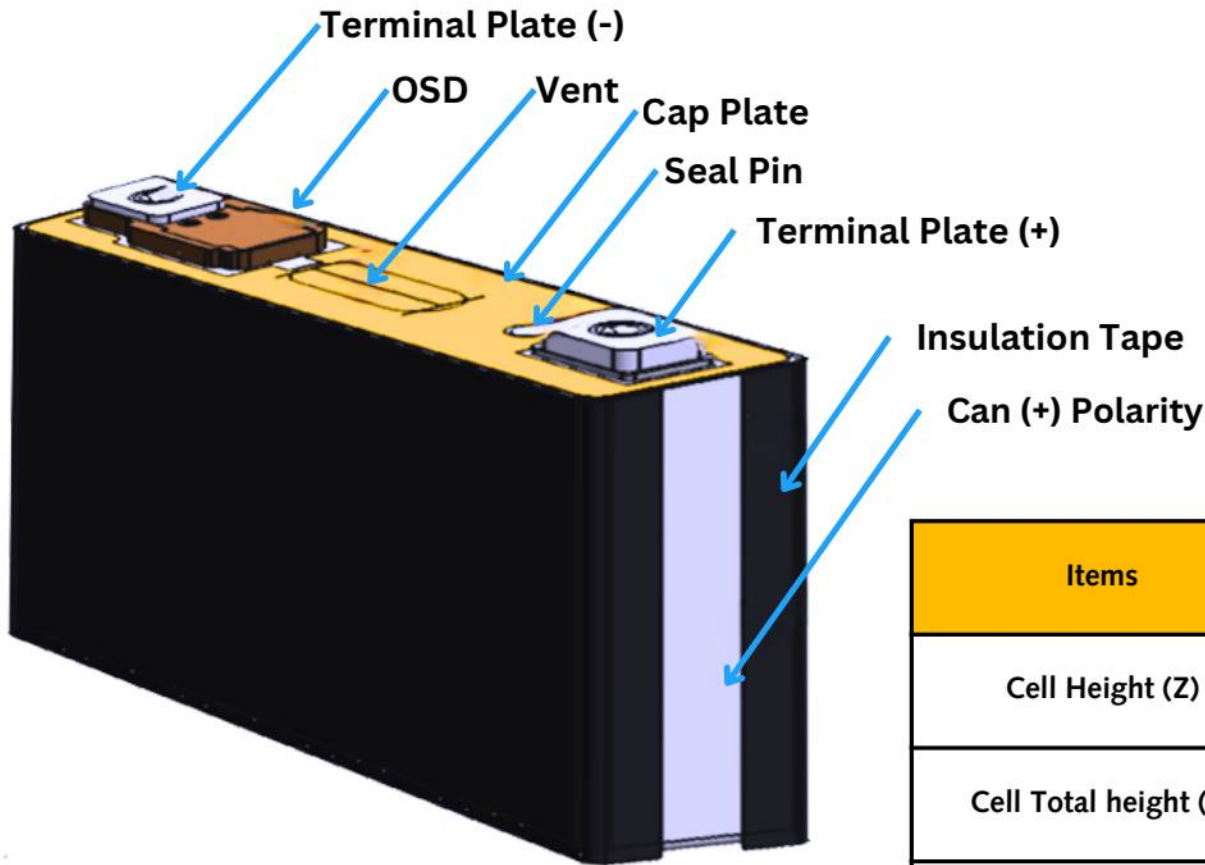
Working Temperature	Charging : 45°C Discharging : 65°C
Battery Connector Current	100Amp
BMS Type	SMART BMS
Communication Interface	UART / CAN / RS485
Key Feature	◆ Over Voltage Protection ◆ Under Voltage Protection ◆ Over current protection ◆ Short circuit protection ◆ High Temperature Protection ◆ Low Temperature Protection ◆ Soft Switch ◆ SoC Display- Optional ◆ Communication – CAN 2.0, ◆ CAN Open, RS485 ◆ GPS-Optional ◆ Balance Function
Casing Type	Metal Case
Life Cycle	3500@25°C
Weight (Approx)	35 Kg
Size (L X W X H) (We create custom dimensions)	420 x 420 x 230 mm



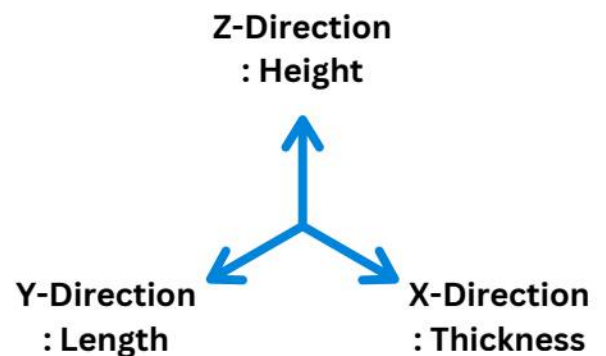
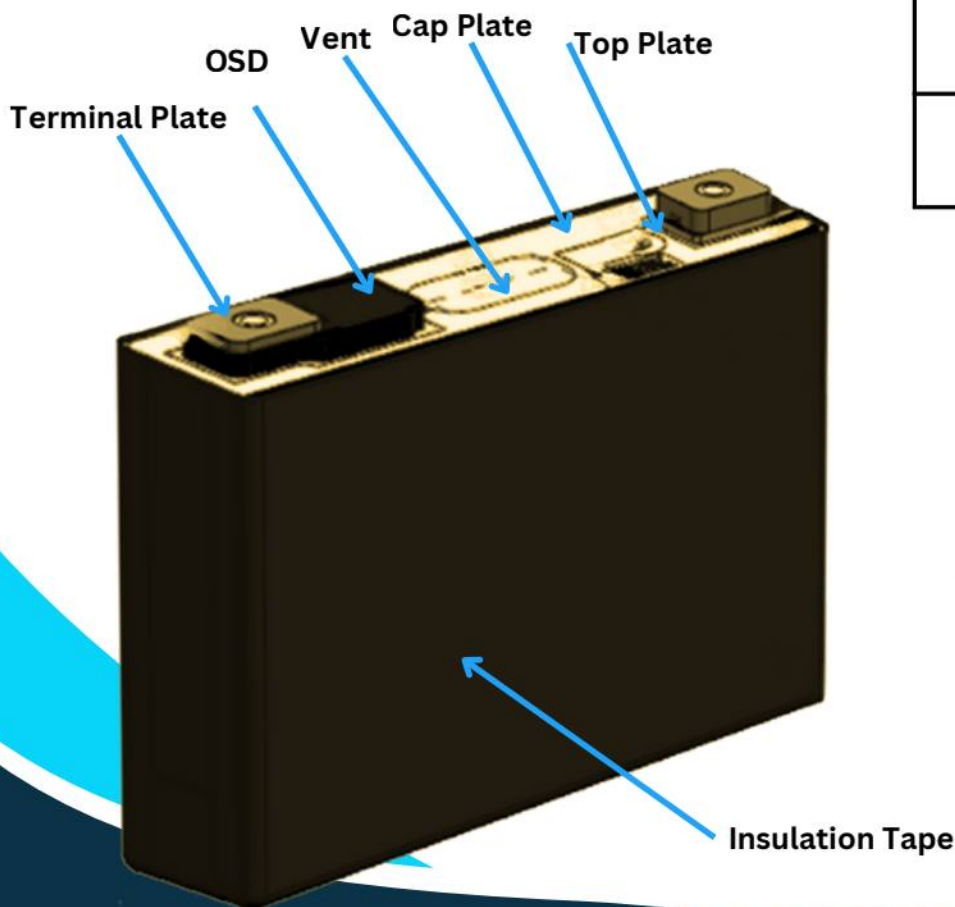
Technical Support Available Anytime

Cell Appearance

Prismatic Cell 100AH



Items	Characteristics
Cell Height (Z)	125mm
Cell Total height (Z)	133mm (Rivet)
Cell Length (Y)	173mm
Cell Thickness (X)	45mm





Power Up With SMARTECH Battery

Shop No. 4, Patil Farm, Plot No. 91/1 & 91/2, Near Kinara Dhaba, Palaspe Phata,
Mumbai - Goa Highway, Kolkhe Village, Panvel - 410206 (MH) India.



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