VOLTHERM INNOVATION PVT. LTD.

Trusted Sustainability Partners

Smart EV - lithium-ion Battery Pack



The 3-EV battery series is a **engineered** for electric Three wheelers. Featuring advanced **LFP technology**, it delivers longer range, improved energy efficiency, enhanced safety, and extended battery life while ensuring reliable performance under demanding operating conditions.

KEY FEATURES

- LFP Chemistry
- Smart BMS Protection
- CAN Communication
- Passive Thermal Management
- IoT Monitoring
- GPS Tracking Compatible
- Fast Charging Support
- IP67 Waterproof Design
- 1500+ Cycle Life

Plot No:- B 5/2 Electronics Estate,
Sector 25 GIDC Gandhinagar,
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TECHNICAL FEATURES

SPECIFICATIONS					
Model	51V100Ah	51V200Ah	60V100Ah	60V200Ah	73V200Ah
Nominal Voltage:	51.2V	51.2V	60.8V	60.8V	73.6V
Capacity:	100Ah	200Ah	100Ah	200Ah	200Ah
Operating Voltage range:	40 – 57.6V	40 – 57.6V	47.5 – 68.4V	47.5 – 68.4V	57.5 – 82.8V
Continuous Discharge:	50A	100A	50A	100A	100A
Peak Discharge :	80A	160A	80A	160A	160A
Std. Charge Current:	50A	A	50A	15A	10A
Dimensions:	Custom	Custom	Custom	Custom	Custom
Weight:	~53 kg	~103 kg	~63 kg	~120 kg	~150 kg
Enclosure:	MS / Aluminum	MS / Aluminum	MS / Aluminum	MS / Aluminum	MS / Aluminum
Connector:	Anderson / Custom	Anderson / Custom	Anderson / Custom	Anderson / Custom	Anderson / Custom
IP Rating:	YES	YES	YES	YES	YES
Warranty	3 Years	3 Years	3 Years	3 Years	3 Years
Available energy over lifetime	4096 Wh	8192 Wh	4864 Wh	9728 Wh	11776 Wh
BMS	Smart	Smart	Smart	Smart	Smart
Thermal	Passive	Passive	Passive	Passive	Passive

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