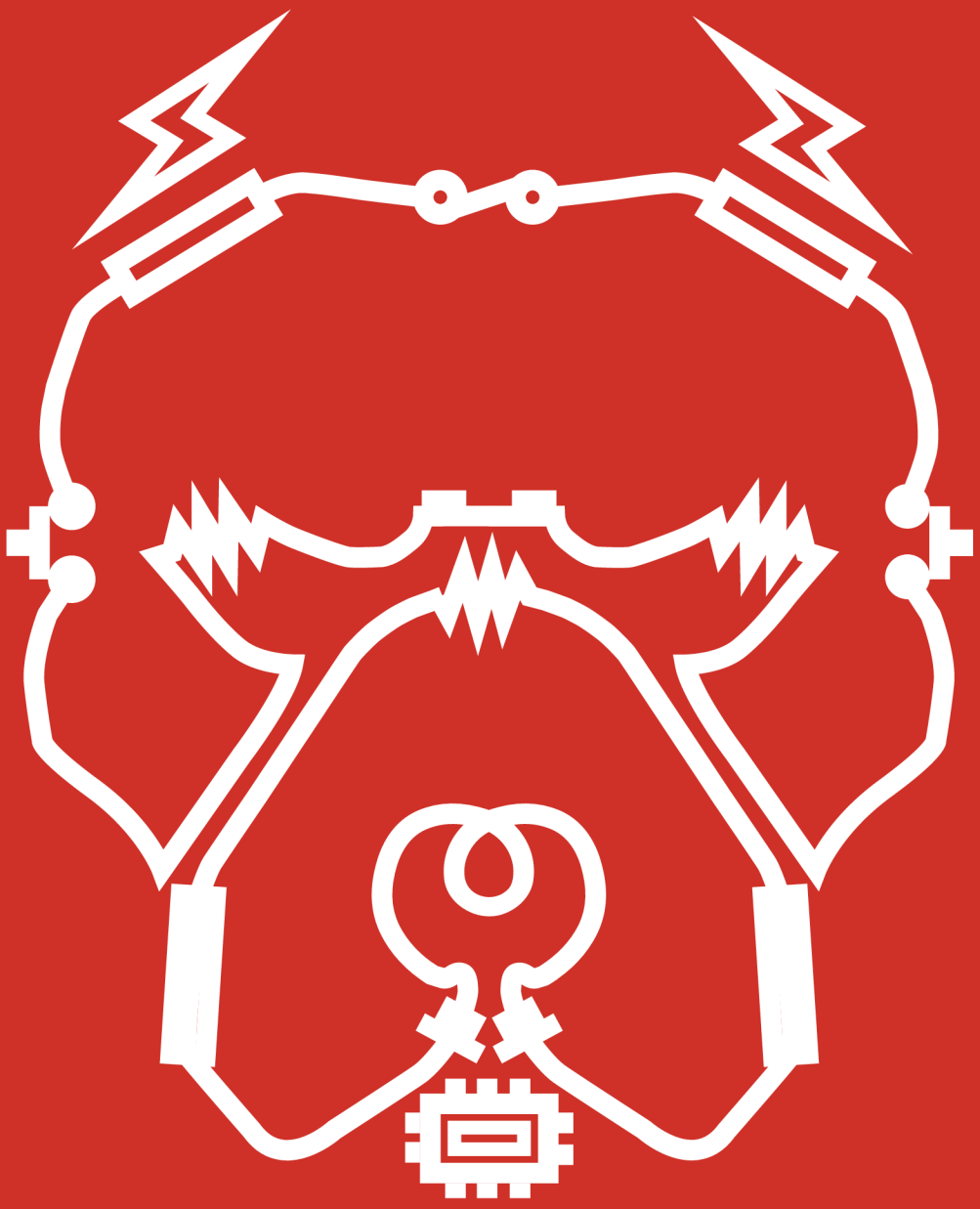
PITBULL POWER



PRODUCT CATALOGUE

LITHIUM-ION BATTERIES

ABOUT BRAND

Inhouse R&D

Our in-house R&D drives innovation, ensuring top-quality lithium-ion batteries through advanced materials and manufacturing to meet evolving market demands.

Key Areas of Focus in Our In-House R&D:

Advanced Materials Development:

Our R&D team is dedicated to exploring and optimizing new materials for our battery

Battery Efficiency and Performance:

Our R&D enhances battery efficiency, ensuring maximum energy storage, stability, and durability through continuous testing and innovation over thousands of cycles.

Safety and Thermal Management:

We prioritize battery safety with advanced thermal management, enhanced BMS, and safety protocols to prevent overheating, thermal runaway, and external damage.

Manufacturing Process Optimization:

Efficiency in the manufacturing process directly impacts both cost and quality. By integrating high quality machines, we are able to improve production speed, reduce defects and ensure quality control.

Customized Solutions for Specific Applications:

Our in-house R&D customizes batteries to meet industry-specific needs, from EVs and renewable storage to consumer electronics and beyond.

Our in-house R&D and vertically integrated approach ensure full control over development, enabling efficient delivery of high-quality, reliable, and cost-effective lithium-ion batteries tailored to customer needs.

State of the Art Manufacturing Facility

At Pitbull Power, we operate a cutting-edge manufacturing facility that incorporates the latest advancements in battery production technology. Our state-of-the-art plant is designed to meet the highest standards of efficiency, precision, and safety, ensuring that each lithium-ion battery we produce is of the highest quality.

By leveraging the latest innovations in battery technology and manufacturing processes, our facility ensures that we consistently deliver high-performance, long-lasting batteries that meet the needs of industries such as electric vehicles, renewable energy storage, and consumer electronics

After-Sales Support

We believe that exceptional customer service doesn't end after the purchase, it's just the beginning. Our after-sales support is designed to ensure that you get the most out of your lithium-ion batteries, with peace of mind throughout their lifecycle. We promise to provide prompt and reliable assistance, whether it's for product installation, troubleshooting or performance optimization.

Our dedicated support team is available to answer any questions and resolve any issues efficiently. We offer comprehensive warranty services, technical support, and product maintenance to ensure your batteries continue to perform at their best. Our goal is to build lasting relationships with our customers by delivering ongoing support that goes beyond the sale, ensuring your complete satisfaction and confidence in our products.

E-RIKSHAW BATTERY

High Energy Density

Long Cycle Life

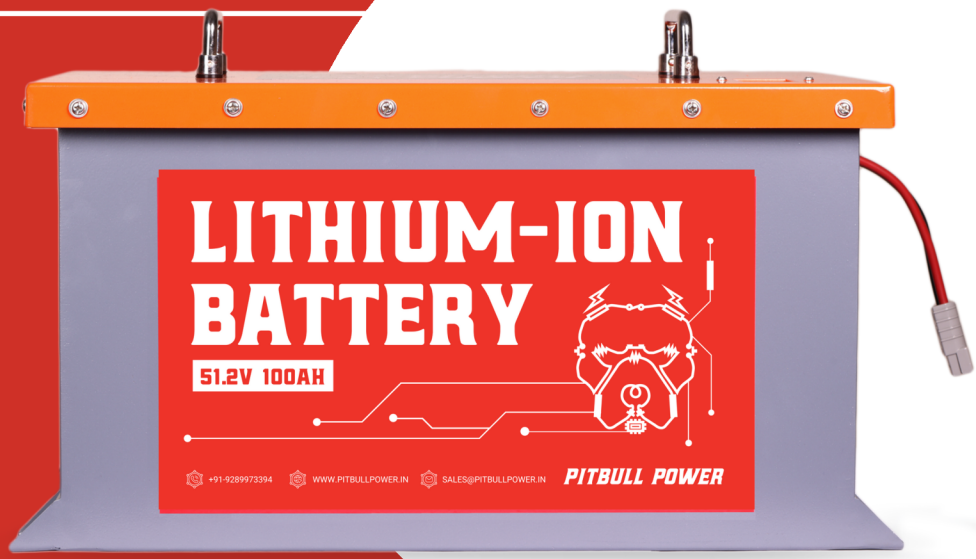
Fast Charging

Fire Resistant

E-RIKSHAW BATTERY

PPL51100ER

* Standard as per AIS156



RATING

Voltage Ratings (Volts) : 51.2
Battery Capacity (Ah) : 100
Power Rating (kWh) : 5.12

COMMUNICATION OPTIONS

- Bluetooth
- CAN (Optional)
- UART/RS485 (Optional)
- IoT (Optional) - Cloud Storage, Real Time Performance Analytics, Battery Swapping Analytics, Asset Tracking, SOC Monitoring, Fleet Management

ELELCTRICAL PARAMETERS

- Operating Voltage Range (Volts) : 44.0 ~ 58.4 ± 1.0
- Maximum Charging Current : 0.5C
- Maximum Discharge Current : 1C Continuous

CELL CYCLE LIFE

≥2000

BMS PROTECTION

- Over-charge Protection
- Over-discharge Protection
- Over-current Protection
- Over-temperature Protection
- Short-circuit Protection
- Audio & Visual Alarm

BALANCING MODE

ACTIVE

CHARGER SPECIFICATION

- Charging Voltage (Volts) : 58.0 ± 0.5
- Charging Current (Amps) : 30.0 ± 0.5
- Charging Mode : Precharge - CC - CV
- CAN Enabled (Optional)
- LED Display (Optional)
- Earth Leakage Protection
- Reverse Polarity Protection
- Failure Sensing

OPERATING CONDITIONS

- Charging Temperature (Deg.C) : -5 ~ 55
- Discharging Temperature (Deg.C) : -10 ~ 60
- Storage Temperature (Deg.C) : 0 ~ 35

OUTPUT INTERFACE

SB 75 / SB 50

WEATHER SEALING RATING

IP67

FIRE RESISTANCE

YES

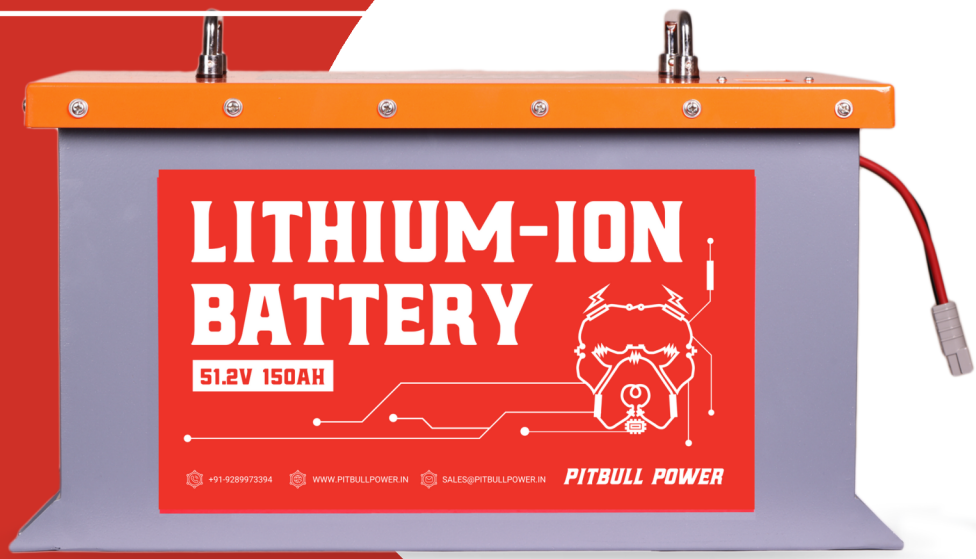
KEY FEATURES

- High Energy Density
- Long Cycle Life
- Fast Charging
- Low Self-Discharge
- Smart Battery Management

E-RIKSHAW BATTERY

PPL51150ER

* Standard as per AIS156



RATING

Voltage Ratings (Volts) : 51.2
Battery Capacity (Ah) : 150
Power Rating (kWh) : 7.68

COMMUNICATION OPTIONS

- Bluetooth
- CAN (Optional)
- UART/RS485 (Optional)
- IoT (Optional) - Cloud Storage, Real Time Performance Analytics, Battery Swapping Analytics, Asset Tracking, SOC Monitoring, Fleet Management

ELELCTRICAL PARAMETERS

- Operating Voltage Range (Volts) : 44.0 ~ 58.4 ± 1.0
- Maximum Charging Current : 0.5C
- Maximum Discharge Current : 1C Continuous

CELL CYCLE LIFE

≥2000

BMS PROTECTION

- Over-charge Protection
- Over-discharge Protection
- Over-current Protection
- Over-temperature Protection
- Short-circuit Protection
- Audio & Visual Alarm

BALANCING MODE

ACTIVE

CHARGER SPECIFICATION

- Charging Voltage (Volts) : 58.0 ± 0.5
- Charging Current (Amps) : 30.0 ± 0.5
- Charging Mode : Precharge - CC - CV
- CAN Enabled (Optional)
- LED Display (Optional)
- Earth Leakage Protection
- Reverse Polarity Protection
- Failure Sensing

OPERATING CONDITIONS

- Charging Temperature (Deg.C) : -5 ~ 55
- Discharging Temperature (Deg.C) : -10 ~ 60
- Storage Temperature (Deg.C) : 0 ~ 35

OUTPUT INTERFACE

SB 75 / SB 50

WEATHER SEALING RATING

IP67

FIRE RESISTANCE

YES

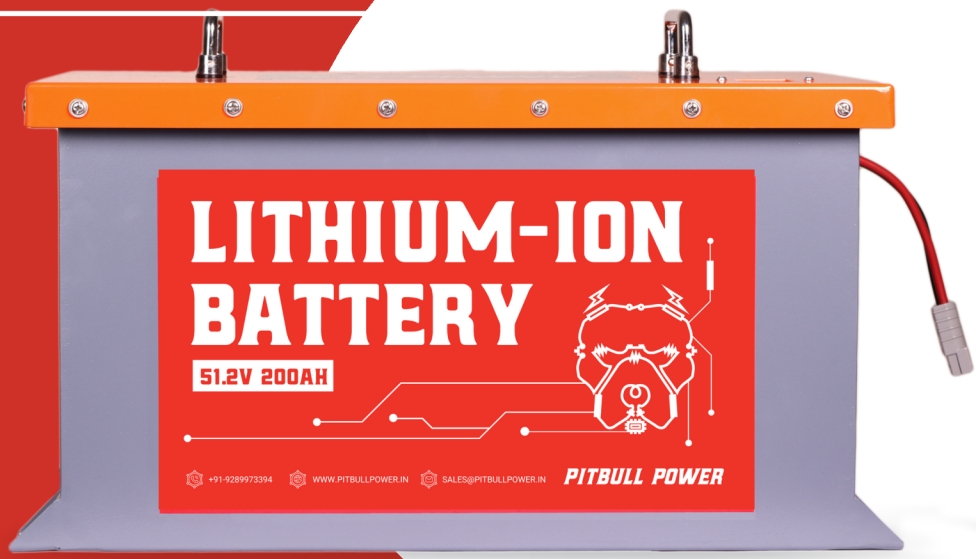
KEY FEATURES

- High Energy Density
- Long Cycle Life
- Fast Charging
- Low Self-Discharge
- Smart Battery Management

E-RIKSHAW BATTERY

PPL51200ER

* Standard as per AIS156



RATING

Voltage Ratings (Volts) : 51.2
Battery Capacity (Ah) : 200
Power Rating (kWh) : 10.44

COMMUNICATION OPTIONS

- Bluetooth
- CAN (Optional)
- UART/RS485 (Optional)
- IoT (Optional) - Cloud Storage, Real Time Performance Analytics, Battery Swapping Analytics, Asset Tracking, SOC Monitoring, Fleet Management

ELELCTRICAL PARAMETERS

- Operating Voltage Range (Volts) : 44.0 ~ 58.4 ± 1.1
- Maximum Charging Current : 0.5C
- Maximum Discharge Current : 1C Continuous

CELL CYCLE LIFE

≥2000

BMS PROTECTION

- Over-charge Protection
- Over-discharge Protection
- Over-current Protection
- Over-temperature Protection
- Short-circuit Protection
- Audio & Visual Alarm

BALANCING MODE

ACTIVE

CHARGER SPECIFICATION

- Charging Voltage (Volts) : 58.0 ± 0.6
- Charging Current (Amps) : 5.0 ± 0.6
- Charging Mode : Precharge - CC - CV
- CAN Enabled (Optional)
- LED Display (Optional)
- Earth Leakage Protection
- Reverse Polarity Protection
- Failure Sensing

OPERATING CONDITIONS

- Charging Temperature (Deg.C) : -5 ~ 55
- Discharging Temperature (Deg.C) : -10 ~ 60
- Storage Temperature (Deg.C) : 1 ~ 35

OUTPUT INTERFACE

SB 75 / SB 51

WEATHER SEALING RATING

IP67

FIRE RESISTANCE

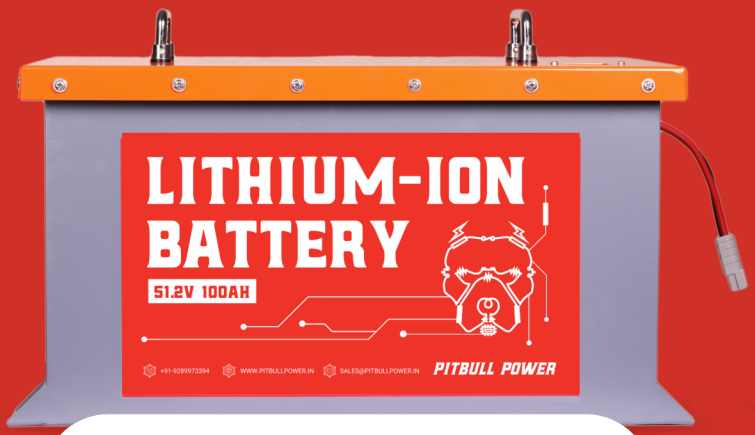
YES

KEY FEATURES

- High Energy Density
- Long Cycle Life
- Fast Charging
- Low Self-Discharge
- Smart Battery Management

CUSTOMISATION

We can customise and produce for you!



E-RIKSHAW BATTERY

2-WHEELER BATTERY

SOLAR BATTERY

ENERGY STORAGE SYSTEM

PITBULL POWER

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