

Emtrac

 Made in India

**POWER THAT
PERFORMS.
ENGINEERED TO LAST.**

LITHIUM POWER SERIES



POWER THAT PERFORMS. ENGINEERED TO LAST.



High-performance LiFePO_4 cylindrical cell



Exceptional cycle life and thermal stability



Ultra-low internal resistance



Optimized for tropical operating conditions



SPECIFICATIONS

> Voltage / Capacity

3.20V / 15Ah

> Max Charge / Discharge

1C / 3C

> Dimensions

Ø32 × H140 mm

> Weight

294 ± 10g

> Cycle Life

2500 @0.5C/1C



APPLICATIONS



EV 2w



EV 3w



EV 4w



Telecom



Solar



Defense



Point of Sale



Energy Storage



Electric Wheelchair



Agricultural Equipment



Medical Devices



Emergency Lighting

POWER THAT PERFORMS. ENGINEERED TO LAST.



High-capacity LiFePO₄ battery pack



Intelligent BMS with CAN communication



High power output for commercial applications



IP67-rated metal enclosure



SPECIFICATIONS

> Voltage / Capacity

51.2V / 32-105Ah

> Continuous / Peak Discharge

50A / 100A

> Dimensions

Customized

> Protection Rating

IP67

> Standard Charge Current

15-50A



APPLICATIONS



EV 2w



EV 3w



EV 4w



Buggy



Golf Cart



AGV



Forklift



Marine

POWER THAT PERFORMS. ENGINEERED TO LAST.



Portable energy storage with an integrated wheeled design



Ideal for backup power, solar and off-grid applications



Smart Battery Management System (BMS) for enhanced safety and performance



Durable enclosure designed for reliable operation



SPECIFICATIONS

> Voltage / Capacity

51.2V / 32-105Ah

> Continuous / Peak Discharge

50A / 100A

> Dimensions

Customized

> Protection Rating

IP67

> Standard Charge Current

15-50A



APPLICATIONS



Home
Energy



UPS



Solar



BESS



Industrial
Equipment



Off-Grid

Emtrac

12.8V G31 Battery

POWER THAT PERFORMS. ENGINEERED TO LAST.



Compact LiFePO₄ battery designed for reliable mobile power



Ideal for solar, telecom and backup power applications



Smart Battery Management System (BMS) for enhanced safety and performance



Long service life with high efficiency



SPECIFICATIONS

> Voltage / Capacity

12.8V / 105Ah

> Standard Charge / Discharge

5C / 0.5C

> Peak Discharge

1C (10 sec)

> Protection Rating

IP65

> Communication

CAN (Bluetooth / RS485)



APPLICATIONS



Marine



RV



Solar



Backup Power



Telecom



Industrial Equipment



UPS



Off-Grid

POWER THAT PERFORMS. ENGINEERED TO LAST.



Modular design for scalable energy storage



Ideal for solar, UPS and ESS applications



High cycle life with superior round-trip efficiency



Expandable to multiple rack configurations



SPECIFICATIONS

> Voltage

51.2V

> Capacity Options

**105Ah / 210Ah / 315Ah /
420Ah / 525Ah**

> Peak Discharge

1C (10 sec)

> Cycle Life

3500 Cycles @ 85% DoD

> Communication

CAN (Bluetooth / RS485)



APPLICATIONS



Home
Energy
Storage



Solar



Industrial



UPS



BESS



Off-Grid