

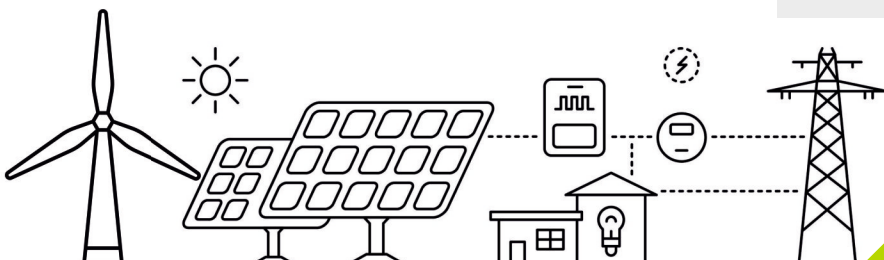


## Two Wheeler Lithium-Ion Phosphate (LiFePO4) Battery

### PROTECTION FEATURES

- Over Charge Protection
- Over Discharge Protection
- Cell Balancing Protection
- Over Temperature Protection
- Under Temperature Protection
- Short Circuit Protection
- Cell Level Fuse Protection

<b>Type</b>	Cylindrical
<b>Application</b>	Electrical Vehicles
<b>Capacity</b>	15 Ah - 30 Ah
<b>Cell Voltage</b>	3.2 Volt
<b>Advancements</b>	<ul style="list-style-type: none"> <li>● Enhanced Thermal Stability</li> <li>● Zero Tolerance Towards Human Safety</li> <li>● Longer Cycle Life</li> </ul>



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## Two Wheeler Lithium-Ion Phosphate (LiFePO4) Battery

Configuration	51 V, 15 Ah	51 V, 30 Ah
Nominal Voltage (V)	51.2	51.2
Pack Capacity (Ah)	15	30
Energy Capacity (kWh)	0.77	1.54
Life Cycle (@ 1C Charge / 1C Discharge at 25° C)	2000+ Cycles	2000+ Cycles
Continuous Charge Current (A)	7.5	15
Continuous Discharge Current (A)	15	30
Working Temperature (Charging)	0°C – 45°C	0°C – 45°C
Working Temperature (Discharging)	-20°C to 55°C	-20°C to 55°C
Pack Enclosure	Aluminium/Sheet Metal	
Connector	Anderson or Equivalent	

### ORDINARY FEATURES

- Certified to AIS-156 Phase-2, AIS-004
- High energy density cells
- IEC320 hybrid connector
- Connector life cycle: 9000+
- Spot welding
- Ingress Protection with IP67
- Swappable or Removable
- Removable with Manual Connector
- CAN communication interface
- Superior Thermal Management

### OPTION OFFERED

- Bluetooth connection
- Data storage memory
- Battery SOC indicator
- Laser welding Technology
- Telematics with GPS
- Blind Mate Connector
- Multiple manual connector

### DISCLAIMER

- Design of battery will be finalized based on battery variant, mutual technical signoff and vehicle envelope.
- Dimension and weight depend on selection of Cell.

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