



Batteries[®]

ipower

SAFE SUSTAINABLE SMART



About Us

Ipower is one of India's most promising names in the green energy segment. Our state-of-the-art manufacturing facility in Kundli, Haryana, is IMS certified. With global standards and highly scalable infrastructure, the premise spreads over an area of 50,000 sq. ft. We follow rigorous testing and quality checking processes and have a government-recognized in-house R&D center. With all the necessary compliance, resources, and a highly dependable team, Ipower is equipped to build a greener tomorrow.

We manufacture Lithium-ion Batteries using best-in-class cells for various applications like 2-wheelers, 3-wheelers, Telecom, ESS, etc. We are manufacturers of top tier Energy Storage Solutions for Low Voltage, High Voltage and Data Center Requirements.

We have developed in-house BMS software for providing IoT solutions and remote control features. Our innovative Lithium-ion solutions to the Smart Electric Mobility segment are marked with advanced tracking, geo-fencing and battery immobilization, remote monitoring, & control features.



1st
India's first LMFP
Battery Manufacturer



30+ Years
Experience in Battery
Industry



50+
Service centers across
the nation



50000+ Sq Feet
Factory area



1.2 GMh
Annual Production
Capacity



22+
AISI56 (Phase 2)
approved batteries



Our Vision

Consistently provide innovative, reliable solutions to power electric vehicles while ensuring a sustainable planet.



Our Mission

Make Ipower a globally accepted & respected brand of batteries.



Core Values

- Innovation
- Quality
- Customer Centric
- Employee Wellbeing
- Sustainability
- Community Engagement



Our Team

We have professional people on board to hold the baton and lead 300 motivated people with the vision of a greener tomorrow



Industries We Serve



DRONE



**E-BIKE
& E-SCOOTER**



TELECOM



**ENERGY STORAGE
SYSTEM**



E-CART



**E-RIKSHAW &
E-CARGO**



**E-WHEELCHAIR
& E-CYCLE**

**AND
MORE**

Energy Storage System



SAFE SUSTAINABLE SMART

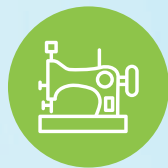
At Ipower Batteries Pvt Ltd, we offer comprehensive Energy Storage Systems (ESS) designed to meet diverse energy storage needs and complement clean tech solutions. With over 30 years of experience, we are India's leading provider of clean mobility solutions, emphasizing quality, reliability, and innovation.

Our certifications, including ISO 9001:2015, IATF 16949:2016, ISO 45001:2018, ISO 14001:2015, AIS0156 Phase-2 for EV Batteries, and TSEC Approval for Telecom batteries, underscore our commitment to excellence.

Our ESS range, tailored for domestic, solar, hybrid, and industrial inverters, features specifications from 48V to 720V with capacities up to 1000Ah, offering seamless integration with leading inverter brands. We provide CAN communication and RS485 compatibility, ensuring optimal performance. At Ipower Batteries, customization is key, as we tailor solutions to meet specific requirements, driving sustainable advancement in the energy storage sector.



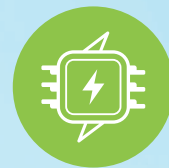
Highly reliable due to low cell charge



Tailormade



Smart & safe BMS



Highly safe high voltage system with protection feature



Remote Monitoring



Expandable & modular



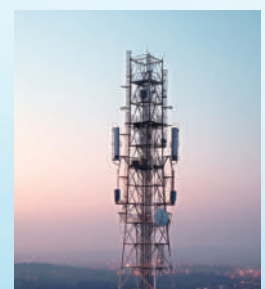
Fast charging and discharging are possible



Suitable for harsh environment



Off-grid inverter integrated





Our Products



Low Voltage ESS

- Robust, compact and lightweight
- intelligent, connected and secure
- Long life, cost effective and water proof

Voltage & Capacity Range

48V 100Ah, 24V 100Ah, 12V 100Ah



High Voltage ESS

- Modular and Swappable
- Connected and secure
- Long life, cost effective and water proof

Voltage & Capacity Range

240V 100Ah, 240V 200Ah
360V 100Ah, 480V 100Ah



Data Centre

- Modular battery pack
- BMS with CAN & IOT
- Long life, cost effective and water proof

Voltage & Capacity Range

480V 100Ah, 480V 200Ah
600V 100Ah, 600V 200Ah



UPS Battery

- Modular and Swappable
- Intelligent connected and secure
- Compact, light weight & rugged

Voltage & Capacity Range

+240V 100Ah, +240V 200Ah
480V 50Ah, 480V 100Ah



Telecom Battery

Ipower Batterie's high energy battery is a step in our journey to provide you reliability. Ipower rack mountable series is a range of 48V/100AH LiFePO4 battery (Lithium Iron Phosphate) battery products for applications in telecom base stations with advanced life, standard size, lightweight and strong environmental adaptability.

Feature



Long Cycle Life



CBMS system monitoring



Modular system



Compact size



Low self-discharge



Smart BMS with individual cell monitoring



Tailormade



Communication with the outer world through easy integration



Customized:

Capacity: 50Ah, 100Ah, 150Ah, 200Ah can be paralleled upto 3000Ah.

Voltage: 12V, 24v, 48V, 51.2V

Combination: 15S1P, 15S2P, 16S1P, 16S2P

Model No.	Battery Cell	Voltage	Typical Energy	Combination	Dimension (Customized)	Weight
IPT 48100	3.2V, 100Ah	48V	4.8 kWh	15S1P	490(±5)*385(±5)*222(±5) mm	46.6 (±1) kg (approx.)
IPT 48100A	3.2V, 100Ah	48V	4.8 kWh	15S1P	490(±5)*400(±5)*133(±5) mm	45(±1) kg (approx.)
IPT 48150	3.2V, 150Ah	48V	7.2 kWh	15S1P	490(±5)*450(±5)*235(±5) mm	55 (±1) kg (approx.)
IPT 48200	3.2V, 100Ah	48V	9.6 kWh	15S2P	490(±5)*450(±5)*235(±5) mm	85 (±1) kg (approx.)
IPT 4850A	3.2V, 50Ah	48V	2.1 kWh	15S1P	490(±5)*320(±5)*170(±5) mm	20 (±1) kg (approx.)

Growing Strong SERVICE CENTRES Across India

Welcome to the future of EV battery service. Ipower introduces a network of advanced service centres, addressing the growing demand in the rapidly expanding lithium battery market.



Our presence and many more to come





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SCAN FOR MORE DETAILS

