



Batteries



PANACEA ALLOYS PVT. LTD.

LITHIUM ION PHOSPHATE (LiFePO4) BATTERY

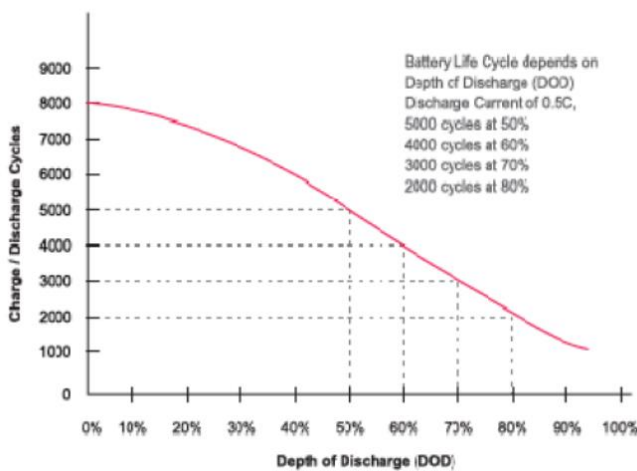
Customized Lithium Ion Battery Solutions

Voltage: 12V, 24V, 48V

Capacity: 50Ah to 1000Ah

Energy: 600Wh to 50 KWh or Higher

All the technical specifications (core cells, voltage and output) are **customizable** as per the customer's requirements.



Features

- Safest Lithium Chemistry
- High Energy Density
- Efficient and long lasting upto 4000+ cycles
- Battery with enclosures is ready for installation for energy storage systems.

Typical Options

Model No	Voltage (V)	Capacity (Ah)	Energy (Wh)	Charging Voltage	Discharge Cut off Voltage	Dimensions (In mm)	Approx Weight (Kg)
LIP12100	12.8	100	1280	14.6	8	300X190X210	14
LIP25100	25.6	100	2560	29.2	17.6	360X255X215	32
LIP4850	51.2	50	2560	58.4	35.2	320X250X150	31
LIP4880	51.2	80	4096	58.4	35.2	615X260X140	40
LIP48100	51.2	100	5120	58.4	35.2	615X280X170	52

Note: We reserve the right to change, modify and cancel the technical specifications without prior notice

We are Pleased to inform you that our **Li-Ion (LiFePO4)** battery pack has passed the **AIS-048** safety Test at **ARAI Pune**.

Salient Features:

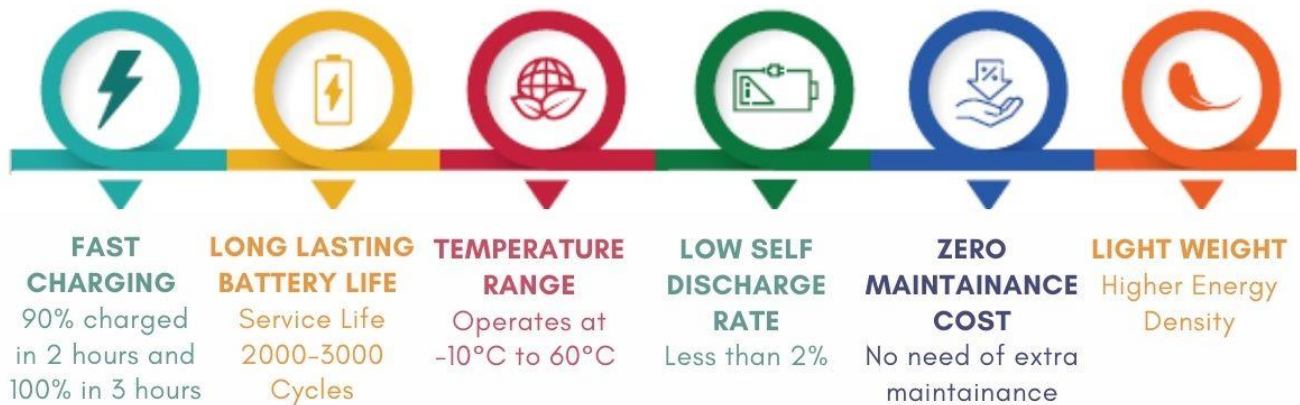
Cells used are **Lithium Iron Phosphate**, which are considered to be the **safest cells**.

Tests under **AIS-048** include -

Cell Penetration, Over Charge, Short Circuit, Vibration and Shock.

The Pack has passed all these critical tests at ARAI and is thus certified for safe operation.

ADVANTAGES OF LITHIUM-ION BATTERIES



APPLICATIONS OF LITHIUM-ION BATTERIES

