

ON THE NATIONAL MISSION OF **MADE IN INDIA**

future[⚡]
Hi-Tech Batteries

We are committed to deliver world class energy solutions in a safe, reliable, efficient and environmentally sound manner.



**Providing Indigenous
Green Energy Solutions**



**India's First Lithium
Battery Manufacturing Unit**



**We Believe
Renewable is the Future**



Constructed with LFP cells each module is equipped with independent Battery Management System.

Modules are compact in size & ultra light with greatly enhance life cycles.

These modules carry excellent safety, better energy density, long life span and are expandable in parallel to achieve higher storage capacity needs.



SALIENT FEATURES

- ⚡ Intelligent module.
- ⚡ Automatic cell balancing function.
- ⚡ Flexible capacity expansion.
- ⚡ Communication function.
- ⚡ Easy monitoring.
- ⚡ Excellent safety and light span.

PROTECTION

- ⚡ Over temperature cutoff.
- ⚡ Over voltage cutoff.
- ⚡ Short circuit protection.
- ⚡ Over charge/discharge cutoff.
- ⚡ Over current cutoff.

Telecom Battery Module (48 V 50 Ah)

Technical Specifications

S.No	Parameters	Description	Unit	ET024
1.	Total Energy		kWh	2.4
2.	Chemistry			LFP
3.	Nominal Voltage		V	48
4.	Rated Capacity		Ah	50
5.	Operating Voltage	Charge	V	54
		Discharge		40.5
6.	Communication		Port	RS485/RS232
7.	Max. Continuous Current	Charge	A	50
		Discharge		50
8.	Module	Scalability		upto 400 Ah
9.	Life Cycles (at 70 % DOD)		Nos.	≥ 6000
10.	Weight		kg	22
11.	Dimensions	l x w x h	mm	480 x 360 x 90
12.	Operating Temperature	Charge	°C	0 ~ 55
		Discharge		-20 ~ 50



The future lies with
Future Hi-Tech

We are certified for the essential parameters of the industry which includes:

ISO 9001 | ISO 14001 | ISO 18001 |  RoHS | CE | FCC

Further product qualify and some are certified :
AIS / R-10 / R-100 / UN38.3 / UNR136 / UL2271 /
UL2054 / UL2580

Future Hi-Tech Batteries Ltd.



Manufacturing Unit

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