

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 we are empanelled with following agencies:

**DRDO-SASE | BEL | COD**  
& many more

**MNRE Channel Partner**

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