

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**



Lithium Battery

UIF / UIL Series

(For Inverters)



Robust

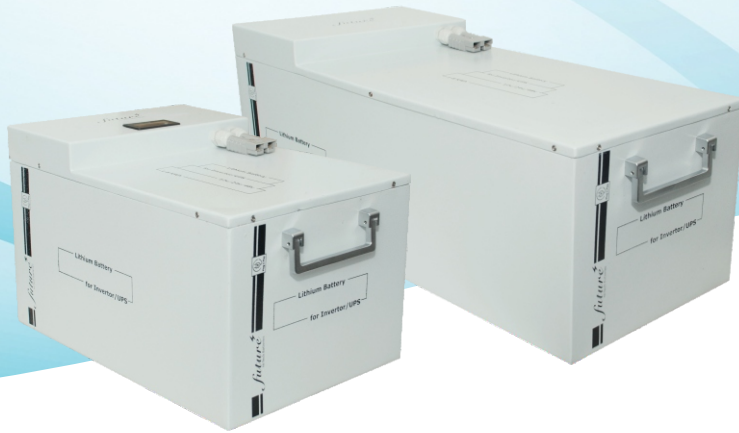
Long Life

Modular

Customizable

In order to meet eco friendly and long life reliable source of energy storage, we have designed robust battery packs based on Lithium technology.

These packs are indigenously designed and Made in India to suit Indian power conditions. Long life makes them cost effective.



SALIENT FEATURES

- Long Life 8 to 10 years
- True capacity guaranteed
- Efficient battery management system
- IP65 enclosure
- Extendable backup

TECHNICAL SPECIFICATIONS

S. No	Parameter	Description	Unit	Model					
				FP016	FP028	FP027	FP045	FP007	FP036
1	Cathode Chemistry			LFP					
2	Rated Energy		Kwh	1.2	2.56	2.26	5.12	4.8	9.6
3	Voltage		Vdc	12		24		48	
4	Operating Voltage	Charge	Vdc	14.6		29.2		54.75	
		Discharge		10		20		37.5	
5	Current	Charge	A	20	50	20	50	20	50
		Discharge		50	100	50	100	50	100
6	Approximate Weight		Kg	15	25	25	44	42	75
7	Dimensions	LxWxH	mm	180x240x340	450x310x230		650x310x230		450x310x500
8	Life Cycle*		Nos	2500					
9	Operating Temperature	Charge	°C	0 ~ 55					
		Discharge		-20 ~ 55					
		Storage		-20 ~ 45					
10	Humidity		%	<70					

* 25 degree celcius

PROTECTION

- Over voltage & current
- Charge & discharge release
- Short circuit
- Reverse polarity



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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