

# Lithium Battery

UIF / UIL Series

(For Inverters)

*future*  
Hi-Tech Batteries

 Robust

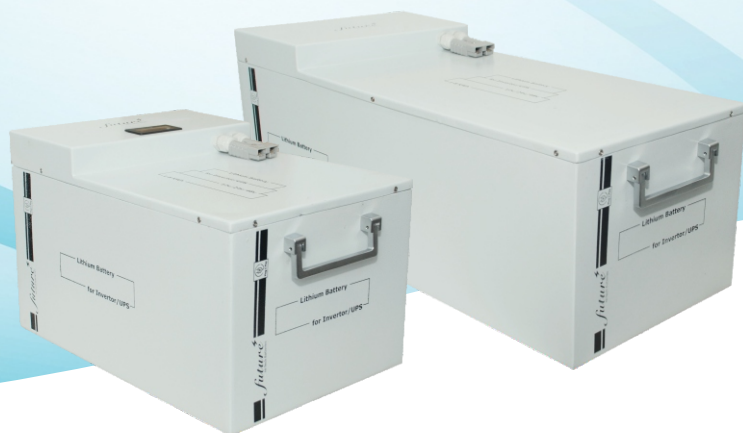
 Long Life

 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 we are empanelled with following agencies:

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

**MNRE Channel Partner**

### **Future Hi-Tech Batteries Ltd.**

C-183, Phase-VIII-B, Industrial Focal Point,  
S.A.S. Nagar (Mohali) - 160071 Punjab, India.

Tele/Fax: +911724670013

email: [care@fhtbl.com](mailto:care@fhtbl.com)



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