

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



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**



# Portable UPS System



Lithium Powered



LCD Display



DC/ AC to AC



Quick Charging

All in one solar power system works on both AC/DC devices. Just turn on power switch, it immediately supplies power to all loads.

Energy Saver Feature and portability makes it suitable for all families in urban and rural areas



## TECHNICAL SPECIFICATIONS

				Model		
S.No	Parameter	Description	Unit	PB020	PB030	PB040
1	Output Energy		Wh	240	360	480
2	Battery Capacity		Ah	20	30	40
3	Nominal Battery Voltage		Vdc	11.1		
4	Charging Input	Adapter AC to DC	Vac, Hz	220,50		
		DC	Vdc	12.6		
		Solar Panel	Vdc,Wp	12.6V, 50~180		
5	Output Current	AC	A	1.5		2
		DC		5		10
6	Charging time	As per Solar Panel (by using controller)	hours	2 to 2.5	3 to 3.5	4 to 5
		AC Grid		4 to 5	7 to 8	10 to 12
7	Overload ability	Max	%, time	110 % < load < 130 % for 10min		
8	Dimensions	l x w x h	mm	285x190x125		
9	Weight		Kg	4	4.5	5.5
10	Operating Temperature		°C	-10 to 60		

### Note

1. Unless otherwise specified, all specifications are measured at 25 ° C ambient temperature.
2. All Models are compatible with NMC / LiFePO4 / Lead Acid Batteries.
3. Values and specifications may change as per battery chemistry.

## SALIENT FEATURES

- ⚡ Can operate all AC and DC devices
- ⚡ Quiet Operations
- ⚡ Long service life
- ⚡ Intelligent solar charging
- ⚡ Energy saving
- ⚡ Can connect to multiple loads

## PROTECTION

- ⚡ Over temperature
- ⚡ Over voltage, current & load
- ⚡ Low voltage & low battery indication
- ⚡ Reverse polarity



The future lies with  
**Future Hi-Tech**

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



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

C-183, Phase-V111-B, Industrial Focal Point,  
S.A.S. Nagar (Mohali)-160071 Punjab, India.  
+911724670013  
care@fhtbl.com



### U.K. Office

1105, Cascades Tower,  
London E148JN, UK  
+447850793930  
sp@fhtbl.com



/c/futurehitechbatteries



/fhtbl



/company/futurehitech



www.fhtbl.com