

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**



Home Lighting Power Bank

DC to DC

-  Solar/Grid Input
-  DC/USB Output
-  Lithium Powered
-  LCD Display

Unique features of DC and AC charging makes our Home Lighting Power Bank a versatile device which can be used in both urban and rural areas and for outdoor usage to run variety of DC devices, fans and lighting.



TECHNICAL SPECIFICATIONS

SALIENT FEATURES

- ⚡ Compact Design
- ⚡ Light weight and portable device
- ⚡ Quick charging
- ⚡ Zero maintenance
- ⚡ With Lithium high energy storage battery
- ⚡ BMS for add-on safety
- ⚡ Including AC to DC adapter for grid charging
- ⚡ Built-in sine wave inverter

PROTECTION

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

S.No	Parameter	Description	Unit	Model		
				PB120	PB240	PB360
1	Input	Energy	Wh	120	240	360
		Adapter AC to DC	Vac, Hz	220 V 50 Hz		
		Solar DC	V	12 V		
2	Output options	PORT X 2	V, A	USB 5 V 2.1A		
		DC port X 3	W	10 / 60 / 80		10 / 80 / 100
3	Battery Pack	NMC		11.1 V 10Ah	11.1 V 20Ah	11.1 V 30Ah
4	Charging Options	As per Solar Panel (by using controller)	Wp	40-125		40-180
		Adapter AC to DC	Vac, Hz	220, 50		
5	Charging Time	AC	Hours	2 to 2.5	3 to 3.5	4 to 5
		Solar		2 to 3	4 to 5	6 to 7
6	Size	LxWxH	mm	270 x 140 x 60		
7	Weight	With Battery	Kg	1.3	2	2.7
8	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.



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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