



“Customized Solutions
For Lithium Batteries”



MANUFACTURING UNIT

 www.bodhibatteries.com  info@bodhibatteries.com

 B/107, GIDC Electronics Estate, Sector-25, Gandhinagar, Gujarat-382024, India

Bodhi Energy Solutions, founded in the year 2019, to bridge current limitations on power consumption to transform the way we empower our world in the future. By realizing the growth potential in the Lithium Iron Phosphate (LFP) market we thrive to establish a modernized sustainable life by introducing safe, reliable and quality driven mobile energy solutions.

Today, Lithium batteries technology is the answer to the present and future needs of the global Market. With a highly experienced and technically sound team, we envision to focus on research and development on different needs of the global market and introduce new energy solutions to the various markets based on the present and futuristic demands.



APPLICATIONS

Electric vehicles, micro-grids, solar lighting systems, Micro Grids, commercial and industrial backup systems and Telecom sectors



STATE-OF-ART PRODUCTION AND TESTING

Charge/discharge, QC checks, vibrational, thermal, penetration & abuse tests are conducted efficiently



BATTERY PACKS WITH CHEMISTRIES

Ranging from LFP (LiFePo4)



HARD & SOFT BATTERY PACKS

We manufacture more than 500 types of 1-32S hard and soft battery packs with powerful BMS



EXPERTISE

Technical expertise for comprehensive designing, engineering and manufacturing customized solutions



IEC STANDARDS

Designed as per IEC 62133, IEC 62281 and IEC 61960 standards



CAPACITY

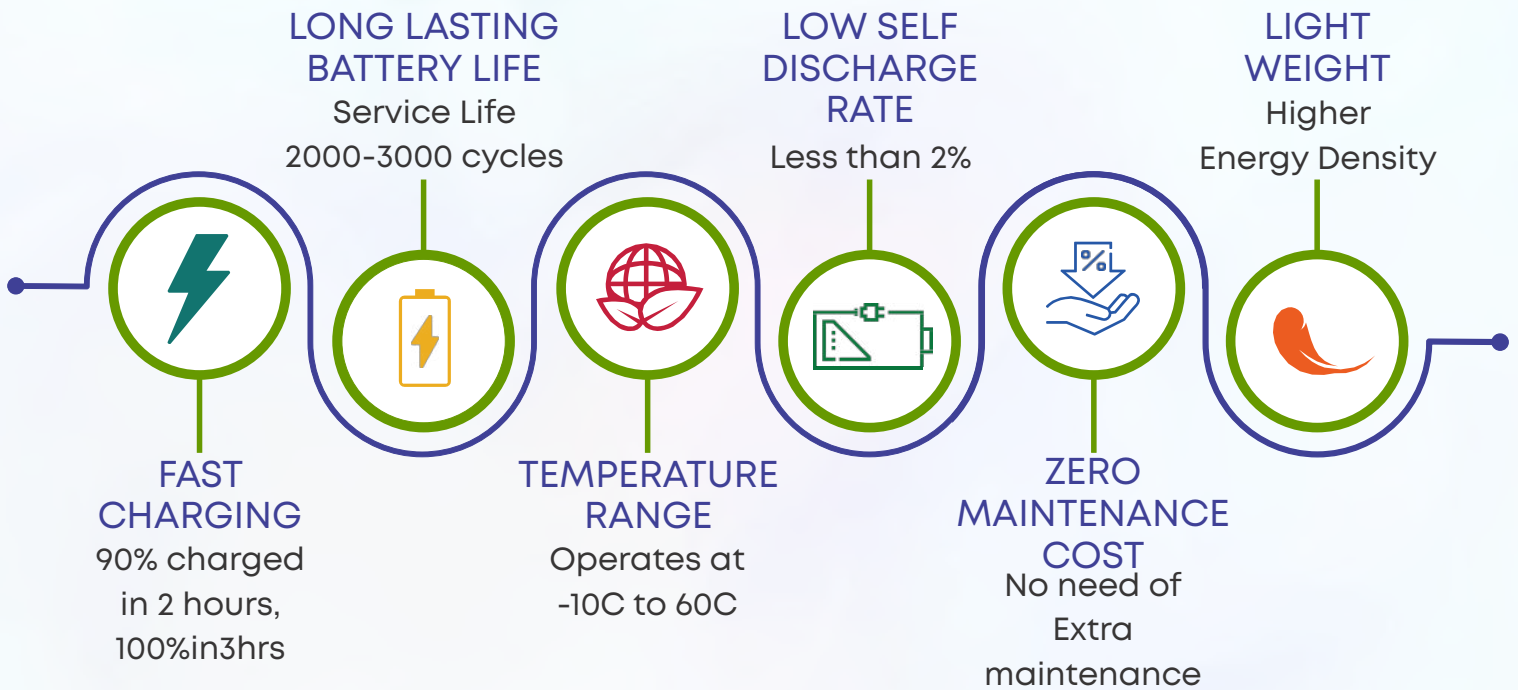
Enhancing production capacity with 3 MWh/year

PRODUCT RANGE

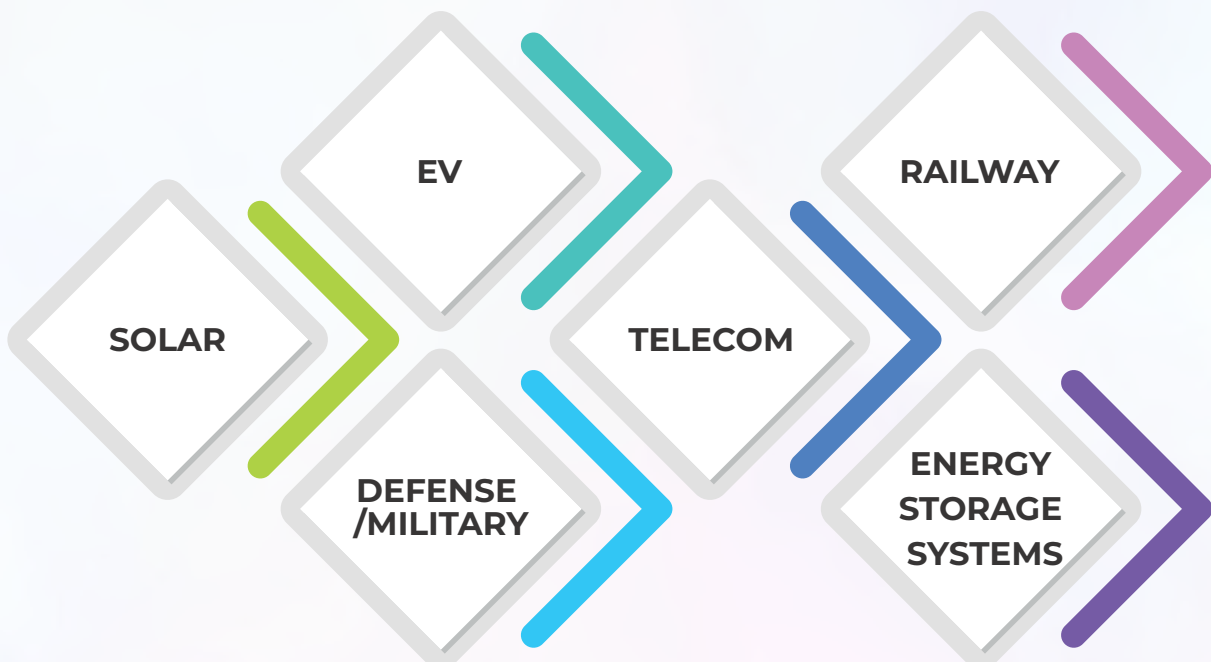
We offer diverse range of products:

- ◆ Cylindrical Cells - Size from 18650 to 32700
- ◆ Prismatic Cells
- ◆ Customized Lithium-ion battery packs & Lithium Ferrous Phosphate battery packs for all types of EVs, all types of solar & off grid applications
- ◆ Lithium ion battery chargers (SMPS based)

ADVANTAGES OF LITHIUM ION BATTERY



APPLICATIONS



SALIENT FEATURES

- ❖ Eco Friendly
- ❖ Quick Charging

- ❖ Low Weight
- ❖ Overcharge & Discharge Cut-Off

- ❖ Temperature Cut Off
- ❖ Short Circuit Protection



LITHIUM PHOSPHATE (LiFePO₄) BATTERY PACKS

Model	Capacity (WH)	Size (mm) For Solar Semi Integrated Light	Size (mm) For Solar Integrated Light	Weight (Kg) Approx	Discharge Current Rate
12.8V 6Ah LiFePO ₄ Battery	76.8	65*65*70	145*65*35	0.5	1C
12.8V 12Ah LiFePO ₄ Battery	153.6	65*135*70	145*130*35	1.20	1C
12.8V 18Ah LiFePO ₄ Battery	230.4	100*135*70	285*100*35	1.75	1C
12.8V 24Ah LiFePO ₄ Battery	307.2	130*135*70	285*130*35	2.40	1C
12.8V 30Ah LiFePO ₄ Battery	384	130*165*70	285*165*35	2.95	1C
12.8V 36Ah LiFePO ₄ Battery	460.8	130*200*70	285*195*35	3.45	1C
12.8V 42Ah LiFePO ₄ Battery	537.6	135*230*75	285*230*35	4.20	1C
12.8V 48Ah LiFePO ₄ Battery	614.4	135*135*145	285*260*35	4.60	1C
12.8V 54Ah LiFePO ₄ Battery	691.2	135*160*145	285*295*35	5.40	1C
12.8V 60Ah LiFePO ₄ Battery	768	135*165*145	285*325*35	6.00	1C
12.8V 66Ah LiFePO ₄ Battery	844.8	135*195*145	285*360*35	6.60	1C
12.8V 72Ah LiFePO ₄ Battery	921.6	135*200*145	285*390*35	7.20	1C
12.8V 78Ah LiFePO ₄ Battery	998.4	135*225*145	285*425*35	7.80	1C
12.8V 84Ah LiFePO ₄ Battery	1075.2	135*230*145	285*455*35	8.40	1C

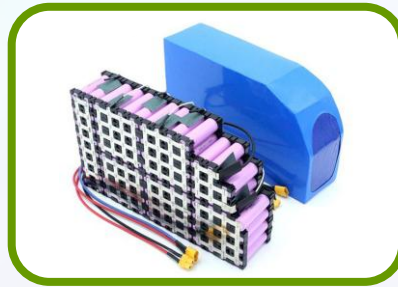
LITHIUM ION (LI-ION) BATTERY PACKS

Model	Capacity (WH)	Size (mm) For Solar Semi Integrated Light	Size (mm) For Solar Integrated Light	Weight (Kg) Approx	Discharge Current Rate
11.1v 5.2Ah Lithium Ion Battery	57.2	60*37*65	200*37*20	0.33	1C
11.1v 7.8Ah Lithium Ion Battery	86.6	60*57*65	200*57*20	0.50	1C
11.1v 10.4Ah Lithium Ion Battery	115.4	78*57*65	200*75*20	0.60	1C
11.1v 13.0Ah Lithium Ion Battery	144.3	95*57*65	200*94*20	0.83	1C
11.1v 15.6Ah Lithium Ion Battery	173.2	115*57*65	200*113*20	1.00	1C
11.1v 18.2Ah Lithium Ion Battery	202	135*57*65	200*132*20	1.16	1C
11.1v 20.8Ah Lithium Ion Battery	230.9	152*57*65	200*151*20	1.32	1C
11.1v 23.4Ah Lithium Ion Battery	259.7	170*57*65	200*170*20	1.49	1C
11.1v 26.0Ah Lithium Ion Battery	288.6	95*110*65	200*189*20	1.65	1C
11.1v 28.6Ah Lithium Ion Battery	317.5	112*110*65	200*208*20	1.82	1C
11.1v 31.2Ah Lithium Ion Battery	346.3	117*110*65	200*227*20	1.98	1C
14.8v 7.8Ah Lithium Ion Battery	115.4	78*57*65	265*56*20	0.66	1C
14.8v 10.4Ah Lithium Ion Battery	153.9	74*78*65	265*75*20	0.88	1C
14.8v 13.0Ah Lithium Ion Battery	192.4	74*95*65	265*94*20	1.10	1C
14.8v 15.6Ah Lithium Ion Battery	230.9	74*114*65	265*113*20	1.32	1C
14.8v 18.2Ah Lithium Ion Battery	269.4	74*132*65	265*132*20	1.54	1C
14.8v 20.8Ah Lithium Ion Battery	307.8	74*150*65	265*151*20	1.76	1C

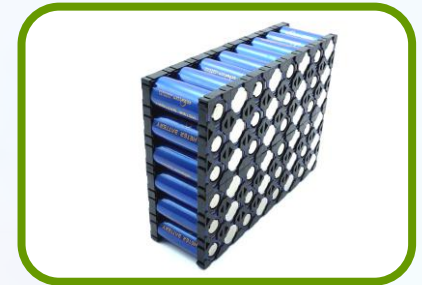
LITHIUM ION 18650 & LITHIUM PHOSPHATE 32700 CELLS



CUSTOMIZED BATTERY PACKS FOR E-BICYCLE



CUSTOMIZED BATTERY PACKS FOR ELECTRIC VEHICLES (E-BIKES, E-RICKSHAWS)



LITHIUM ION BATTERY CHARGER





MANUFACTURING UNIT

www.bodhibatteries.com info@bodhibatteries.com

[B/107, GIDC Electronics Estate, Sector-25, Gandhinagar, Gujarat-382024, India](#)