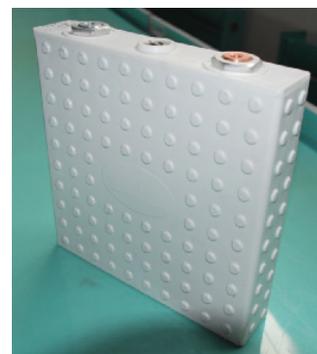


## Long Lifespan and Ultra Safe Rechargeable Cell

### Lithium Iron Phosphate Cells (LiFePO<sub>4</sub>), BP-TSAH 300Ah

Bestgo Power Co., Ltd. specializes in developing and manufacturing advanced LiFePO<sub>4</sub> batteries which feature both high power and energy densities with a long lifespan and ultra safe performance. Bestgo Power's unique water-based manufacturing technology can help customers design products that outperform other LiFePO<sub>4</sub> batteries. Company also takes advanced technologies include updated battery materials, effective manufacturing method, high precision quality control system and abundant safety design etc. Bestgo Power's high quality products would help customer build the excellent energy storage systems as customer required.



No.	Item	Unit	Parameters	Remark	
1	Rated Capacity	AH	≥300	C/3 Discharge	
2	Operating Volt	V	3.2	Average Volt in operation	
3	Charge Method		CC / CV		
4	Charging cut-off volt	V	3.65	Set No more than 3.85 V for protection	
5	Discharge cur-off volt	V	2.5	Set No less than 2.5 V for protection	
6	Max Continuous Charge current	A	300	1C charging	
7	Max Peak Charge current	A	600	No more than 10 secs	
8	Max Continuous Discharge current	A	300	1C discharging	
9	Max Peak Discharge current	A	600	No more than 10 secs	
10	Weight	KG	9.8		
11	Inner Resistant	mΩ	≤0.25	AC Resistant	
12	Dimension (D×W×H)	mm	59×366×315		
13	Energy density	WH/KG	102		
14	Energy density	WH/L	148		
15	Total Energy	KWH	0.99		
16	Operation Temperature	Charge	°C	-10~55	Better than 0 °C
		Discharge	°C	-20~55	Better than 0 °C

Performance may vary depending on, but not limited to cell usage and application. If cell is used outside specifications, performance will diminish. All specifications are subject to change without notice. All information provided herein is believed, but not guaranteed, to be current and accurate.

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