

Features

Thumper Lithium LiFePO4 batteries are fully sealed and are designed to be mounted on any angle for easy application. Equipped with an internal battery management system (BMS), the Thumper Lithium offers safe charging and discharging with over temperature protection, under and over voltage cut off protection and also internal short circuit protection. The LiFePO4 range of batteries are less than half the weight of a traditional AGM battery, whilst still offering all of the benefits of a heavy duty deep cycle. These batteries are designed to hold the terminal voltage higher throughout each cycle, resulting in an increase depth of discharge and a longer overall run time with heavier draw appliances.

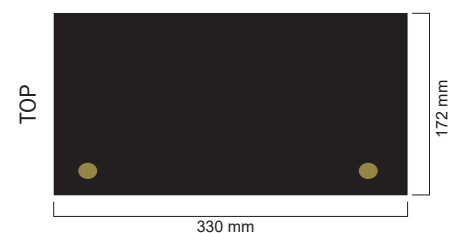
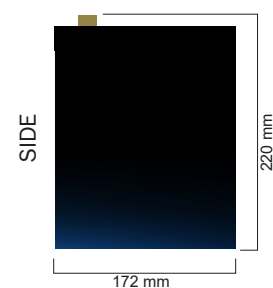
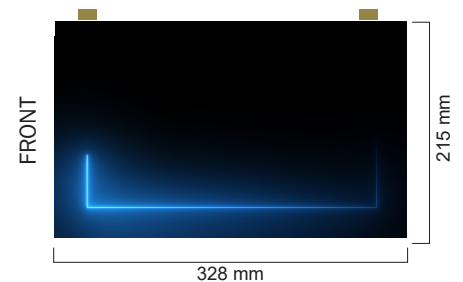
- Less than half the weight of a traditional lead acid battery
- Higher voltage maintained for longer run times with appliances
- Proven quality and reliability
- Compatible with chargers with an AGM or lithium setting
- For best results: Use of a lithium charger is recommended
- 3 year warranty
- Increased cycles compared to traditional lead acid
- Designed to be wired in both parallel and series
- Max series voltage is 48 Volts (max 4 series)
- Parallel connection is non-limited
- This battery is **NOT** designed for starting purposes
- This battery is **NOT** designed for under bonnet application

Applications

- Solar Power
- Wind Power
- Marine Auxiliary Power
- Telecom Systems
- UPS
- Caravan
- RV
- Motorhome
- Vehicle Auxiliary Power

Technical Specifications

Model No:	TL-120
Nominal Voltage:	12.8V
Rated capacity:	120Ah
Cell Type / Chemistry:	Prismatic / LiFePO4
DIMENSIONS & WEIGHT	
Length:	328 mm
Width:	172 mm
Height (Total):	220 mm
Weight:	13.8Kg
OPERATING TEMPERATURE RANGE	
BMS High temp cut out / Reconnect:	80°C / 50°C
Discharge:	-20°C ~ 60°C
Charge:	-20°C ~ 45°C
Storage:	- 5°C ~ 35°C
CHARGING METHODS	
Recommended Charge Current:	10 ~ 50 Amps
Max Charge Current:	80 Amps
DISCHARGE	
Max discharge current (continuous):	100 Amps
Peak discharge current (1-3 secs):	300 Amps
BMS current cut off:	>100.5A 10s
BMS current cut off:	>120A 3s
BMS current cut off:	>150A 1s
BMS Voltage cut off / Reconnect:	10.0V / 12.0V
Self Discharge Rate per month:	≤3%
Warranty:	3 years from date of purchase



Terminal Type: F12 (M8)
 Terminal Torque: 12.4NM
 Case IP Rating: IP56
 Case Material: ABS

Distributed by:
 Blue Apple Thumper