

# LITHIUM-ION BATTERY

12.8V / 6AH

# WAAREE | ESS

YOUR POWER INSURANCE



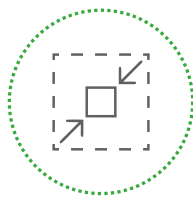
Ultra  Fast



Long Backup



Quick Charge



Compact in Weight & Size



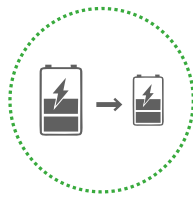
3 Years Warranty



Environment Friendly



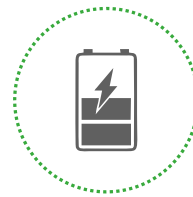
Long Storage Life



Save Space



High Energy Density



Efficient battery with True Capacity



Light Weight & Small in Size

Applicable for Lighting Applications, Baby Vehicles, Table fans, Toys, UPS etc.

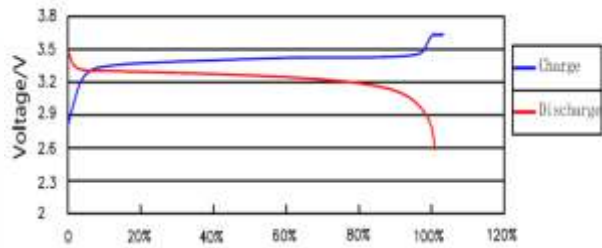
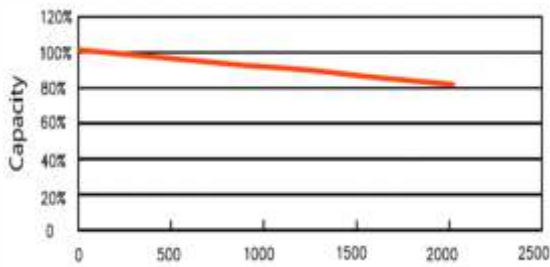
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## PERFORMANCE CURVES



## SPECIFICATION

12.8V / 6AH BATTERY PACK DATA SHEET

Battery Rating	12.8 V 6 AH	4s1p
Battery Chemistry	LFP	
Nominal Voltage	12.8 V	
Rated Capacity	6 Ah	
Total Energy Rating	76.8 Wh	
Operating Voltage Range	9.5V - 14.6V	± 1V
Charging Method	CC/CV	
Charging Current	1.2A	Standard Charge Current
	12A	Max Charge Current
	1.2A	Standard Discharge Current
Discharging current	12A	Max Discharge Current
	1.2A	
BMS/PCB Protections	1. Overcharge	
	2. Overcurrent	
	3. Deep Discharge	
	4. Short Circuit	
	5. Cell Balancing	
	6. Over Temperature	
Cycle Life	≥ 2000	Standard Conditions
Battery Casing	FRP INSULATION / Plastic Casing	
FRP Dimension (L*W*H)mm	135*75*45 mm	Tolerance: ± 5mm
Plastic Case Dimension (L*W*H)mm	150*65*95 mm	Tolerance: ± 5mm
Communication	N/A	
Storage Temperature & Humidity	3 month : -20°C~35°C @ 30-50% charge	For storage period of more than 3 months: The Battery shall be fully charged and discharged @ 0.2C and then charge up to 40% capacity

### Precautions & Safety Instructions:

Abusive Use of Li-Ion Battery shall cause human injury and damage your battery pack.

### Battery Handling Precautions:

- Do not expose the battery to extreme heat or flame.
- Do not disassemble or modify the battery pack.
- Do not immerse the battery pack in water.



### Disclaimer:

Paralleling of lithium batteries is not recommended

\*Technical Specification may differ as per Application/Customer specific requirements.

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