

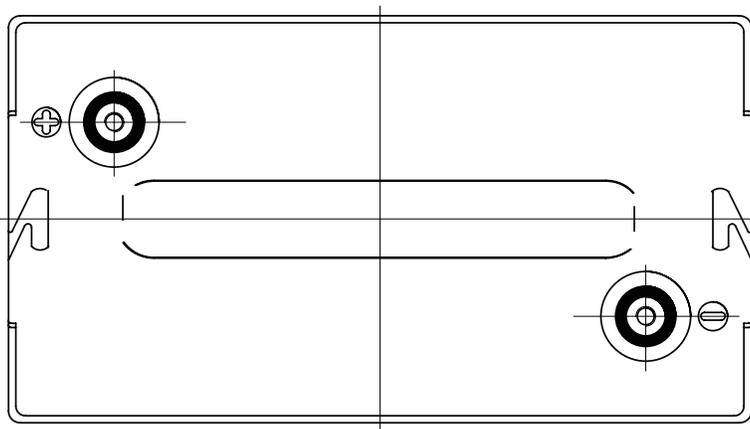
HUB LiION



LITHIUM
ION BATTERY

HUB-25.6V-60-LFP-GC

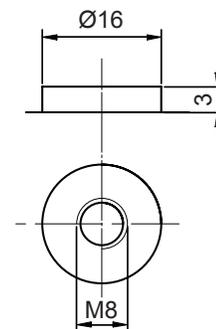
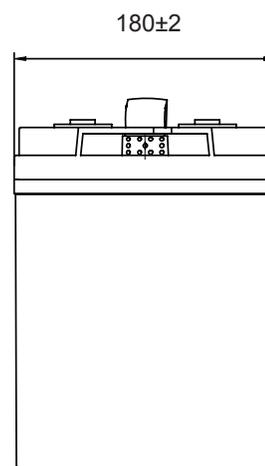
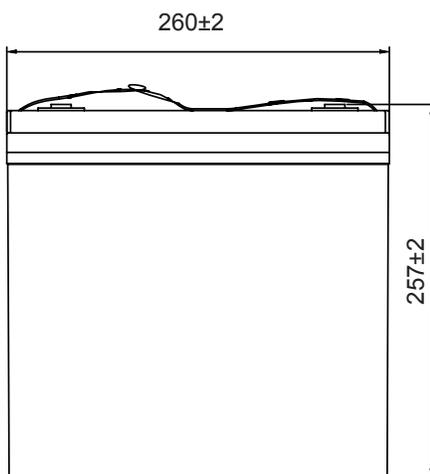
TECHNICAL DRAWING



BENEFITS AND ADVANTAGES

Start at the Core

- High Reliability
- Fast and Efficient charge/discharge cycles
- Deep Discharge capability
- Fully Recycle capability
- Light weight
- Environmentally friendly
- UL Approved Cells
- Safety UN38.3 approved
- UN3480, CLASS 9



www.hubpower.ca

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Phone: (604) 420-7737

Email: sales@hubpower.ca

ELECTRICAL SPECIFICATIONS

Nominal Voltage	25.6V
Amp Hour Capacity	60AH
Reserve Capacity @ 25A	144 min
Energy Density	1536Wh
Resistance - Milliohms	< 10
Efficiency - round trip	> 99.5%
Self Discharge per Month	< 3%
**Max 4 - series connections	n/a
**Max 4 - parallel connections	60-240AH

**DO NOT configure series and parallel connections simultaneously

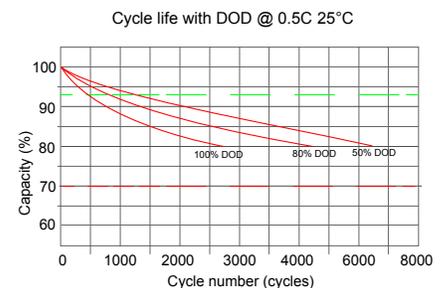
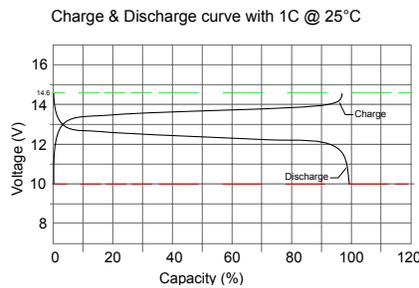
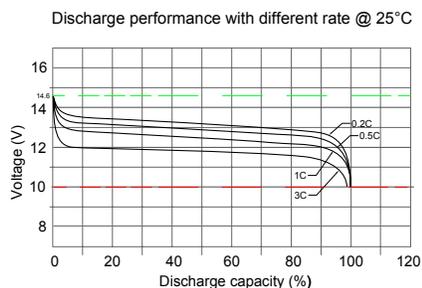
TEMPERATURE SPECIFICATIONS

Discharge Temperature	(-20 to 60C)
Charge Temperature	(-20 to 45C)
Storage Temperature	(-5 to 35C)
BMS High Temp Cut Off	80C
BMS Reconnect Temp	50C

CHARGE SPECIFICATIONS

Recommend Charge current	3A - 30A
Max Charge current	60A
Charge current (0 to -10C)	<0.1C
Charge current (-20 to -10C)	<0.05C
Recommended Charge voltage	28.4 - 29.2V
BMS High voltage disconnect	30.0V
BMS High voltage reconnect	28.8V
Balancing voltage	≥27.2

PERFORMANCE CHARACTERISTICS



DISCHARGE SPECIFICATIONS

Max Cont Discharge current	60A
Peak Discharge Current 3C	180A
BMS Current Cut Off (10S)	>63A
BMS Current Cut Off (3S)	>90A
BMS Current Cut Off (1S)	>180A
BMS Low Voltage Cut Off	20V
BMS Low Reconnect Voltage	24V

MECHANICAL SPECIFICATIONS

Dimensions	10.2 x 7.1 x 10.1in
L x W x H	260 x 180 x 257mm
Weight	34lbs (15.45KG)
Terminal Type	M8
Terminal Torque	90 in lbs (10NM)
Case Material	ABS
Case IP Rating	IP56
Cell Type - Chemistry	LiFePO4
Cell Type	Prismatic

HEATING CIRCUIT

Operating Range	(-20 to 5C)
Heating Circuit Engages at	≤ -1C
Heating Circuit Disengages at	+5C

SAFETY TESTED

Safety Ratings	CB / CE UN38.3 @ cell UL1973 @ cell
Shipping Classification	UN3480, CLASS 9