

Lithium-Ion Battery **51.2 V | 30AH (1.5kWh)**

CELL CHEMISTRY:

Lithium Iron Phosphate (LFP)

ABS + PC with Aluminium Heat Sink Dimensions:

10.24"w x 7.09"l x 11.04"h

BCI GROUP SIZE:

GC2

FEATURES

- IP67 rated construction prevents damage from outside particles and moisture
- CAN Networking automotive grade connections allow manufacturers to integrate the battery with devices such as motor controllers and chargers to allow for communication of battery status.
- Scalable multiple batteries can be used in parallel for increased capacity
- State-of-the-Art Battery Management **System (BMS)** Utilizes intelligent algorithms to help ensure accurate State of Charge (SOC), delivers advanced cell balancing, and enhanced fault detection and handling for optimal performance.

BATTERY SPECIFICATIONS											
BCI Group			Terminal	Dime	Weight						
Size	Model	Terminal	Torque	Width	Length	Height	(kg)				
GC2	US 48VGC2	M8 insert	90 IN-LBS	10.24" (260)	7.09" (180)	11.04" (280)	32.2 (14.6)				
Internal Protection information: See User's Guide www.ushatterv.com/info-center/essentialliowner											

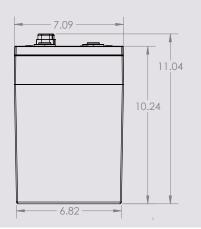
ELECTRICAL SPECIFICATIONS									
Voltage	Capacity	Max Continous Discharge Current	Max 20S Discharge Current	Max 10S Discharge Current					
51.2 V	30 Ah	100A	150A	175A					
Max Charge Current	Self Discharge Rate	Low Voltage Cutoff	High Voltage Cutoff						
30A	3.5%/month (In Off Mode)	40V (Cell 2.5V)	58.4V (Cell 3.65V)						

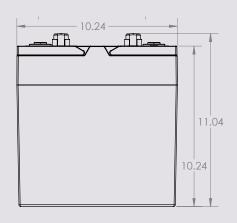
Discharging	g Cho	Charging		Storage				
14°F~140°F (-10°C~6	50°C) 32°F~131°F	32°F~131°F (0°C~55°C)		50°F~95°F (10°C~35°C				
SAFETY/REGULATORY INFORMATION								
Certifications								
Transport	Shipping Classification	Cells	Pack	Case				
UN/DoT 38.3	UN3480,	UL2580	UL2271	UL94 V-0				

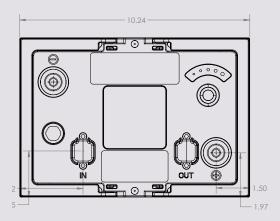
Class 9

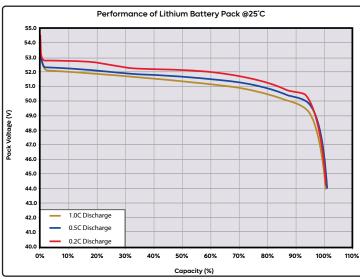
OPERATIONAL SPECIFICATIONS

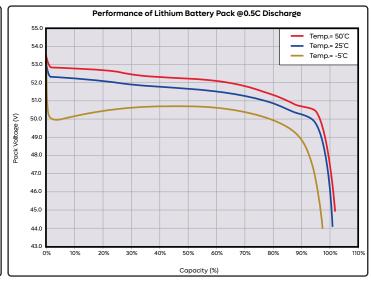


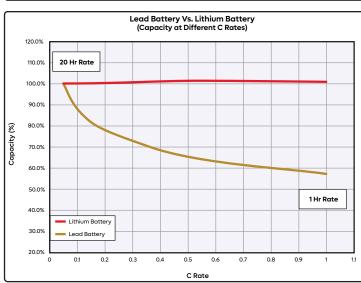


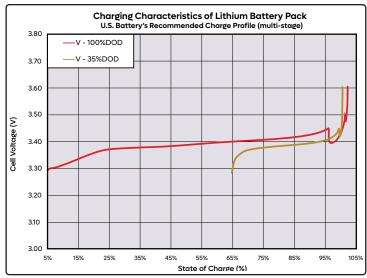














1675 Sampson Avenue Corona, CA 92879 (800) 695-0945 1895 Tobacco Road Augusta, GA 30906 (800) 522-0945 17 North Belair Rd. Evans, GA 30809 (888) 811-0945

