

86mm

Lightweight LiFePO4 battery with exclusive over discharge protection, over charge protection, short circuit protection, excessive cranking protection and built in cell balancing technology. All of these features are redundant with an LED battery fault light indicator.



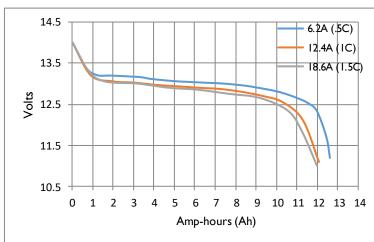
Specifications

150mm

Capacity 12.4Ah @ IC Rate (See charts) Capacity vs Temperature 25 °C = 100% 0°C = 97% -30°C = 95% Self-Discharge Rate < 3% / month @ 25 °C Pulse Crank Amps (PCA) 680A (3 sec @ 25 °C, voltage > 9V) Cold Crank Amps (CCA) 320A (modified SAE test, 3 sec@ 0°F, volts > 7.2V) Continuous Discharge Amps 100A Standard Charge Voltage 13.9 - 14.6 V Recommended Charge Amps 5 - 15A Max Charge Amps 60A (from vehicle charging system) Life (Charge cycles, 80% depth of discharge) 4000 cycles @ IC discharge rate, 25°C 2000 cycles @ 10C discharge rate, 25°C 2000 cycles @ 10C discharge rate, 25°C 10C discharge rate, 25°C 2000 cycles @ 10C discharge rate, 25°C 200	Voltage	13.2V
O°C = 97% -30°C = 95% Self-Discharge Rate 	Capacity	(See charts)
Pulse Crank Amps (PCA) 680A (3 sec @ 25 °C, voltage >9V) Cold Crank Amps (CCA) 320A (modified SAE test, 3 sec@ 0°F, volts >7.2V) Continuous Discharge Amps 100A Standard Charge Voltage Recommended Charge Amps 5 - 15A Max Charge Amps 60A (from vehicle charging system) Life (Charge cycles, 80% depth of discharge) Life (Years) Weight Dimensions 5 - 15A 4000 cycles @ IC discharge rate, 25°C 2000 cycles @ IOC discharge rate, 25°C 2000 cycles @ IOC discharge rate, 25°C Life (Years) Up to 6 Years Weight 3.9 lb. (1.8Kg) Dimensions 5 - 9 in (L) x 3.4 in (W) x 4.5 in (H) 150mm(L) x 86mm (W) x 115mm (H) Environmental Rating (resistance to water intrusion) Operating Temperature -30 °C to +60 °C Storage Temperature -40 °C to +70 °C	Capacity vs Temperature	0°C = 97% -30°C = 95%
voltage >9V) Cold Crank Amps (CCA) 320A (modified SAE test, 3 sec@ 0°F, volts >7.2V) Continuous Discharge Amps I00A Standard Charge Voltage Recommended Charge Amps 5 - I5A Max Charge Amps 60A (from vehicle charging system) Life (Charge cycles, 80% depth of discharge) 4000 cycles @ IC discharge rate, 25°C 2000 cycles @ IOC discharge rate, 25°C Life (Years) Up to 6 Years Weight 3.9 lb. (I.8Kg) Dimensions 5 - 9 in (L) x 3.4 in (W) x 4.5 in (H) 150mm(L) x 86mm (W) x 115mm (H) Environmental Rating (resistance to water intrusion) Operating Temperature -30 °C to +60 °C Storage Temperature -40 °C to +70 °C		_
3 sec@ 0°F, volts >7.2V Continuous Discharge Amps	Pulse Crank Amps (PCA)	
Standard Charge Voltage Recommended Charge Amps 5 - 15A Max Charge Amps 60A (from vehicle charging system) Life (Charge cycles, 80% depth of discharge) Life (Years) Weight Dimensions 5 - 15A 4000 cycles @ IC discharge rate, 25°C 2000 cycles @ IOC discharge rate, 25°C Life (Years) Up to 6 Years Veight 3.9 lb. (1.8Kg) 5.9 in (L) x 3.4 in (W) x 4.5 in (H) 150mm(L) x 86mm (W) x 115mm (H) Environmental Rating (resistance to water intrusion) IP 66 (wash down with a high pressure washer) Operating Temperature -30 °C to +60 °C Storage Temperature -40 °C to +70 °C	Cold Crank Amps (CCA)	
Recommended Charge Amps S - 15A Max Charge Amps Life (Charge cycles, 80% depth of discharge) Life (Years) Weight Dimensions 5 - 15A 60A (from vehicle charging system) 4000 cycles @ IC discharge rate, 25°C 2000 cycles @ 10C discharge rate, 25°C Life (Years) Up to 6 Years 5.9 in (L) x 3.4 in (W) x 4.5 in (H) 150mm(L) x 86mm (W) x 115mm (H) Environmental Rating (resistance to water intrusion) P 66 (wash down with a high pressure washer) Operating Temperature -30 °C to +60 °C Storage Temperature -40 °C to +70 °C	Continuous Discharge Amps	100A
Max Charge Amps Goal (from vehicle charging system)	Standard Charge Voltage	13.9 - 14.6 V
charging system) Life (Charge cycles, 80% depth of discharge) Life (Charge cycles, 80% depth of discharge) Life (Starge rate, 25°C 2000 cycles @ IOC discharge rate, 25°C 2	Recommended Charge Amps	5 - I5A
of discharge) discharge rate, 25°C 2000 cycles @10C discharge rate, 25°C Up to 6 Years Weight 3.9 lb. (1.8Kg) Dimensions 5.9 in (L) x 3.4 in (W) x 4.5 in (H) 150mm(L) x 86mm (W) x 115mm (H) Environmental Rating (resistance to water intrusion) Operating Temperature -30 °C to +60 °C Storage Temperature -40 °C to +70 °C		charging system)
Weight 3.9 lb. (1.8Kg) Dimensions 5.9 in (L) x 3.4 in (W) x 4.5 in (H) 150mm(L) x 86mm (W) x 115mm (H) Environmental Rating (resistance to water intrusion) Operating Temperature -30 °C to +60 °C Storage Temperature -40 °C to +70 °C		discharge rate, 25°C 2000 cycles @10C
Dimensions 5.9 in (L) x 3.4 in (W) x 4.5 in (H) 150mm(L) x 86mm (W) x 115mm (H) Environmental Rating (resistance to water intrusion) Operating Temperature -30 °C to +60 °C Storage Temperature -40 °C to +70 °C	Life (Years)	Up to 6 Years
4.5 in (H) 150mm(L) x 86mm (W) x 115mm (H) Environmental Rating (resistance to water intrusion) Operating Temperature -30 °C to +60 °C Storage Temperature -40 °C to +70 °C	Weight	3.9 lb. (1.8Kg)
(resistance to water intrusion)high pressure washer)Operating Temperature-30 °C to +60 °CStorage Temperature-40 °C to +70 °C		4.5 in (H) 150mm(L) x 86mm (W)
Operating Temperature -30 °C to +60 °C Storage Temperature -40 °C to +70 °C		
Storage Temperature -40 °C to +70 °C	` ,	,
Maximum Altitude 50,000 Ft	Maximum Altitude	50,000 Ft

Discharge Characteristics

Discharge Ah (multiple discharge rates)



Discharge Minutes (multiple discharge rates)

