

RB12V200AH



LITHIUM IRON PHOSPHATE BATTERY

ELECTRICAL SPECIFICATIONS

Nominal Voltage	12.8 V
Nominal Capacity	200 Ah
Capacity @ 25A	180 min
Energy	2560 Wh
Efficiency	99%
Self Discharge	<2% per Month
Maximum Modules in Parallel	4
Maximum Modules in Series	4

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current	150 A
Peak Discharge Current	160 A (10 s)
BMS Hardware Current Cut-Off	>670 A (320ms)
Low Voltage Disconnect	10 V
BMS Discharge Voltage Cut-Off	10 V (2s)
Reconnect Voltage	12 V
Short Circuit Protection	1110A @ 400us

TEMPERATURE SPECIFICATIONS

Discharge Temperature	14 to 167 °F (-10 to 75 °C)
Charge Temperature*	29 to 149 °F (-2 to 65 °C)
Storage Temperature	23 to 95 °F (-5 to 35°C)
BMS High Temperature Cut-Off	167 °F (75 °C)
Reconnect Temperature	158 °F (70°C)
*Refer to charge currents below 32°F (0°C)	

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	20.55 x 9.37 x 8.54″ 522 x 238 x 217 mm
Weight	48 lbs (21.7 kg)
Terminal Type	M8
Terminal Torque	80 - 100 in-lbs (9 - 11 N-m)
Case Material	ABS
Enclosure Protection	IP54
Cell Type - Chemistry	Prismatic - LiFePO4

CHARGE SPECIFICATIONS

5 A - 100 A
150 A
14.2 V - 14.6 V
13.5 V (3.8 ± 0.05 vpc)
13.6 V (3.4 ± 0.025 vpc)
14.6 V (3.65 ± 0.025 vpc)

COMPLIANCE SPECIFICATIONSCertificationsCE (battery)
UN38.3 (battery)
UL1642 & IEC62133 (cells)Shipping ClassificationUN 3480, CLASS 9

2019 Rebel Power LLC. All Rights Reserved. Rebel Power is not liable for damages that may result from any information provided in or omitted from this publication, under any circumstances. Rebel Power reserves the right to make adjustments to this publication at any time, without notice or obligation

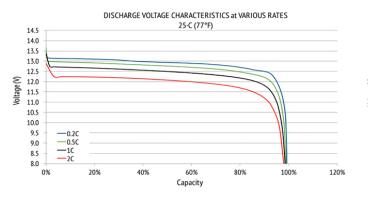
rebelbatteries.com

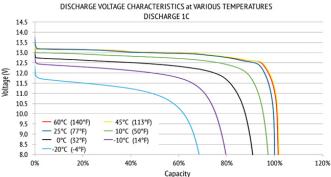




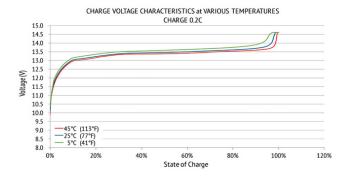


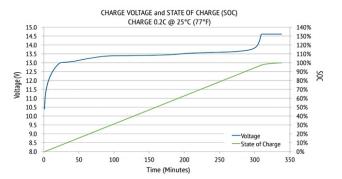
PERFORMANCE CHARACTERISTICS

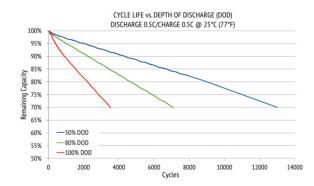




1999 **- 1**







2020 Rebel Batteries. All Rights Reserved. Rebel Batteries is not liable for damages that may result from any information provided in or omitted from this publication, under any circumstances. Rebel Batteries reserves the right to make adjustments to this publication at any time, without notice or obligation.





+1 305-477-5080

UN38,3

CE 🛟