

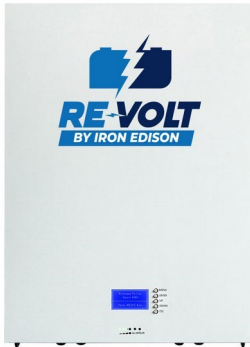


IRON EDISON Re-VOLT

Lithium Iron Phosphate (LiFePO₄) Battery
TECHNICAL SPECIFICATIONS



Revised 5/2021



Renewable Energy & Backup Power Applications
 Safest Lithium-Ion Chemistry – LiFePO₄
 Maximum Compatibility with Industry Standard 48v Equipment
 Integrated Battery Management System
 Stackable for Additional / Scalable Energy Storage
 10 Year Warranty & Lifetime Technical Support

ELECTRICAL SPECIFICATIONS

	REVO-5000	REVO-10000
Nominal Voltage	51.2 V	
Operating Voltage	45 V – 57.6 V	
Ah Capacity	100	200
Total Energy	5120 Wh	10240 Wh
Recommended Charge Current	50 A	100 A
Max Charge/Discharge Current	100 A	100 A
Max Batteries in Series	1	
Max Batteries in Parallel	14 / 15*	

CHARGE SPECIFICATIONS

Bulk / Absorb Voltage	56 V	
Absorb End Amps	5 A	10 A
Float Voltage	54 V	

PHYSICAL SPECIFICATIONS

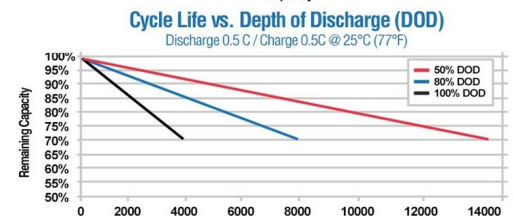
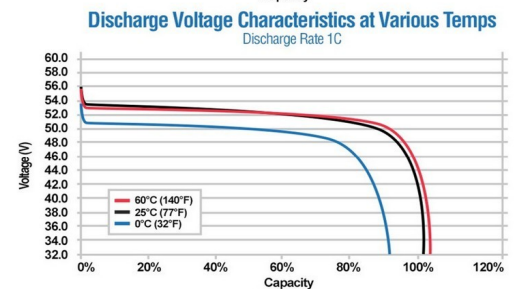
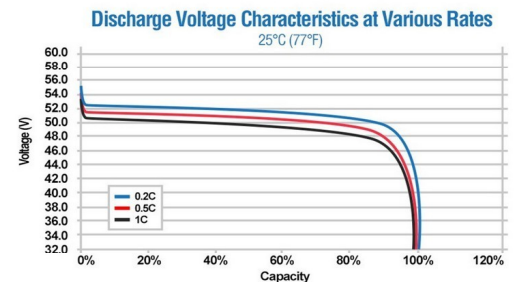
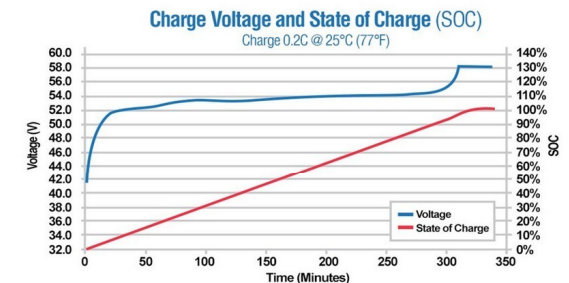
Dimensions (L x W x H)	26.7 x 18.9 x 8.7 in (68 x 48 x 22 cm)	
Weight	129 lbs (58.5 kg)	212 lbs (96.5 kg)
Shipping Classification	UN 3480, Class 9	
Certification	UL1642, IEC 62619, CE, UN38.3, RoHS	

CLIMATE SPECIFICATIONS

Operating Temperature	0°C to 45°C @60+/-25% Relative Humidity	
Storage Temperature	-20°C to 60°C @60+/-25% Relative Humidity	
Enclosure Rating	IP 21	

Stated capacities are at the 20-hr autonomy rate

- Charging at Recommended Charge Current to Bulk Termination / Absorb Voltage (1-Stage Bulk aka CC) will charge the battery to approx 95% SoC.
- Charging at Bulk Termination / Absorb Voltage to Absorb Termination Current (2-Stage Bulk+Absorb aka CC/CV) will charge the battery to 100% SoC.
- Equalize charoino is not needed or recommended.
- Temperature compensation for charge voltage is not required.



720-432-6433

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