

SOLISTO LFP BATTERIES

SOL-12-110-LFP

PN-021651

SPECIFICATIONS

Battery Chemistry	LiFePO4
Nominal Voltage	12V
Capacity	100 Ah
Terminal	Threaded Insert (M8-1.25)
Cycle Life	>3500 cycles @80% DoD
Max. Discharge Current	100A
Max. Charging Current	100A
Max. DOD	11.2V (0% SOC)

BATTERY INFORMATION

Max Charging Voltage	14.6V
Float Charging Voltage	13.5V
Cycle Use Voltage	14.0V
Normal Operating Temp Range	Charge: -20 - 50°C* Discharge: -20 - 55°C
<i>*Below 0°C, heater will activate when charging current is applied. Charging resumes when cell temperature >0°C</i>	
Communication Port	RS485; CAN (optional)
LED Indicator and Button	State of Charge, ON/OFF
IP Class	IP30
Parallel Support	4 Units
Series Support	4 Units
<i>Max configuration is 4 Series x 4 parallel</i>	
Internal Heater Logic	Cell temperature <0°C and charger is connected
Heater Power	100W

DIMENSIONS AND WEIGHT

Size (LxWxH) inches	12.99 x 6.78 x 8.43
Size (LxWxH) mm	330 x 172 x 214
Weight	23.14 lb / 10.5 kg
Group Size	Group 31
Container Material	A.B.S. UL94-HB
Pallet Qty.	24
Pallet Dimensions (LxWxH) inches	33 x 46 x 40
Pallet Weight	555 lb / 251.9 kg

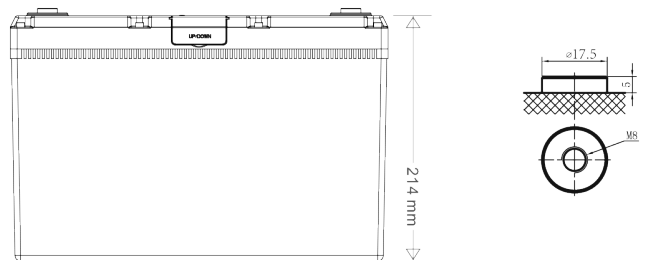
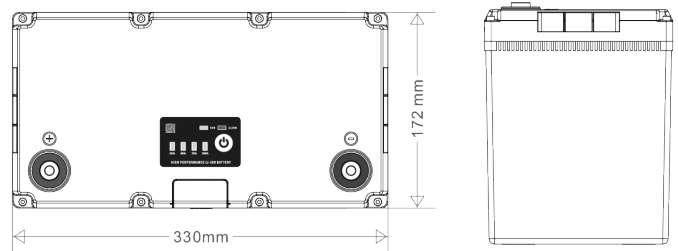
WARRANTY

[12 Month Limited Warranty](#)



Cell Certifications:
UN38.3, ROHS, IEC62619, UL1973, and UL9540A

Battery Certifications:
UN38.3, CE



Unit: mm

BATTERY DIMENSIONS



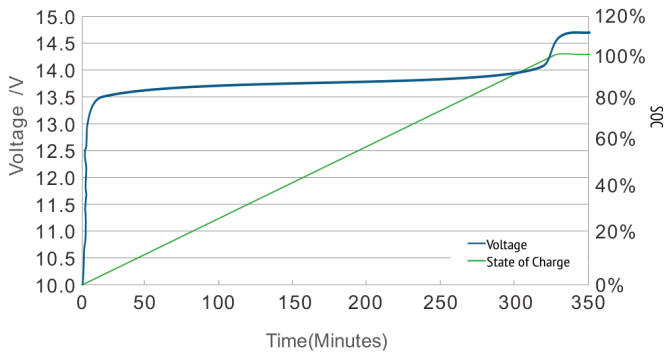
SHOP NOW



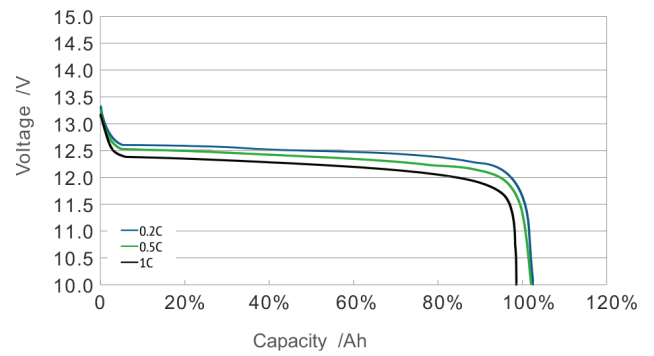
(866) 827-6527



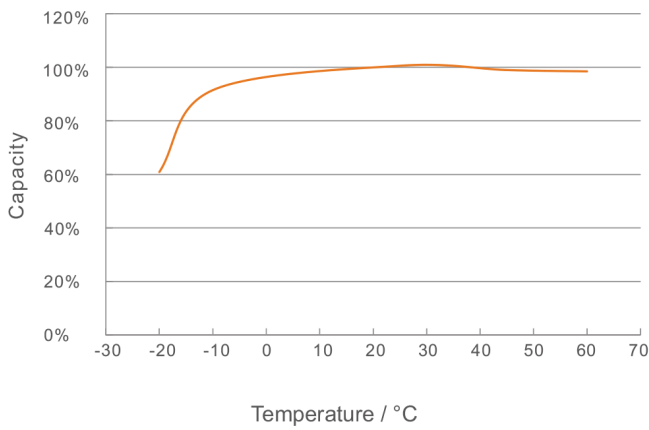
**CHARGE VOLTAGE VS. STATE OF CHARGE(SOC)
0.2C @ 77°F (25°C)**



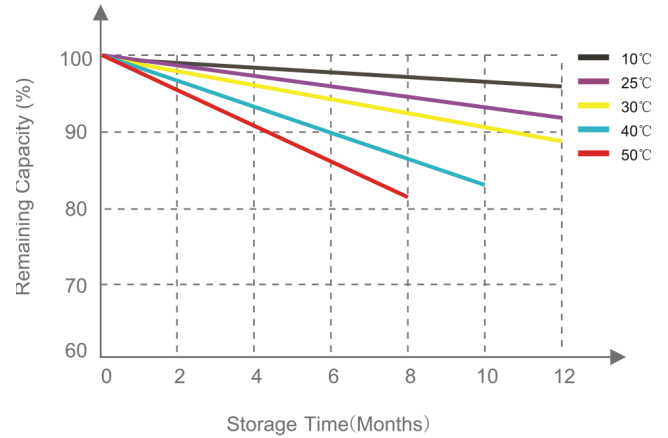
**DISCHARGE VOLTAGE CHARACTERISTICS AT
VARIOUS RATES 77°F (25°C)**



CAPACITY VS. TEMPERATURE



SELF DISCHARGE VS. TEMPERATURE



SHOP NOW

