

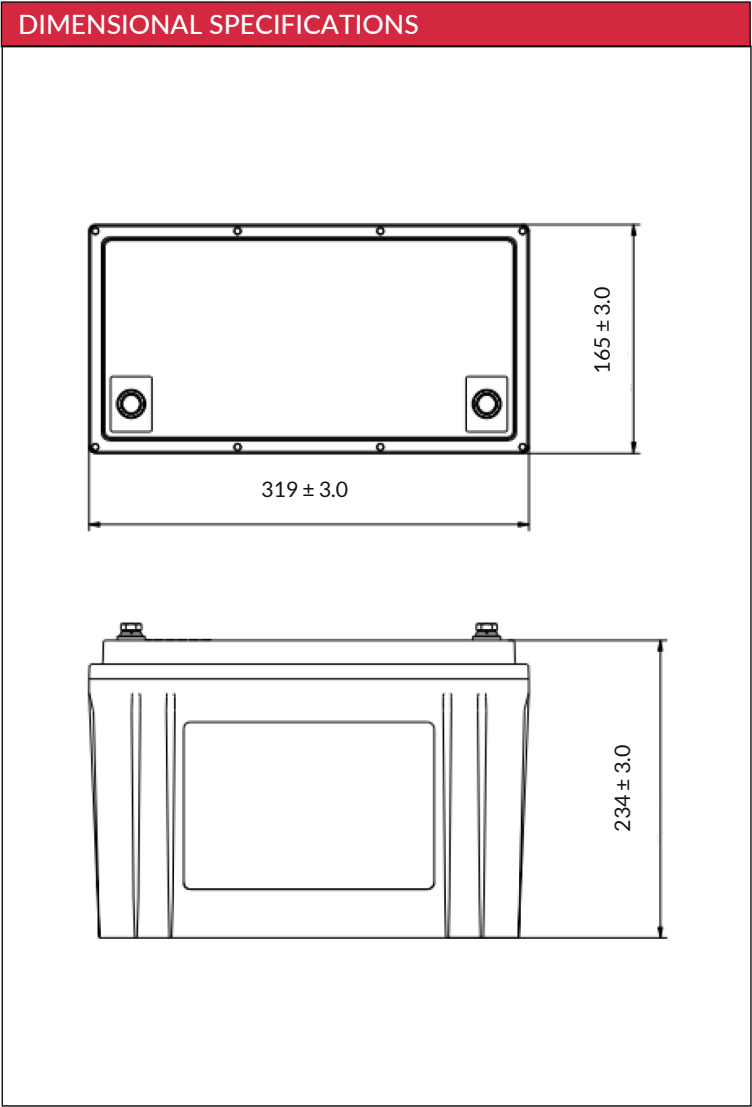


Model: CLI125-12LT | Voltage: 12.8V | Capacity: 125Ah | Energy: 1600Wh | Group 27

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	12.8 V
Nominal Capacity	125 Ah
Capacity @ 25A	300 min
Resistance	≤30 mΩ @ 50% SOC
Efficiency	99%
Self Discharge @ 20 °C	<3% per Month
Maximum Modules in Parallel or Series	4

CHARGING CHARACTERISTICS	
Recommended Charge Current	≤ 50 A
Maximum Charge Current	100 A
Floating Charge Voltage	13.8 ±0.2 V
Maximum Charge Voltage	14.6 ±0.2 V
Recommended Charge Voltage (Single Unit)	14.4 V - 14.6 V
BMS Charge Voltage Cut-Off	14.8 V
Reconnect Voltage	14.4 V
Balancing Voltage	13.6 V ± 0.2 V

DISCHARGE SPECIFICATIONS	
Maximum Continuous Discharge Current	100 A
Peak Discharge Current	500 A For 3 S
Recommended Low Voltage Disconnect	10 V ± 0.04 V
BMS Discharge Voltage Cut-Off	10 V ± 0.2 V
Reconnect Voltage	11.2 V ± 0.04 V
Short Circuit Protection	200-600 μs
Cranking Amps	1,100 A

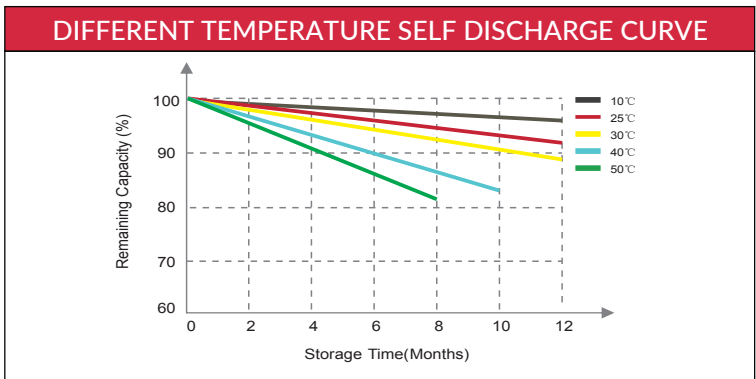
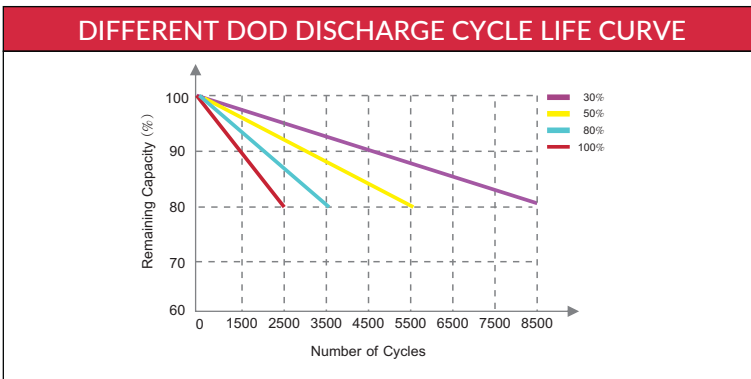
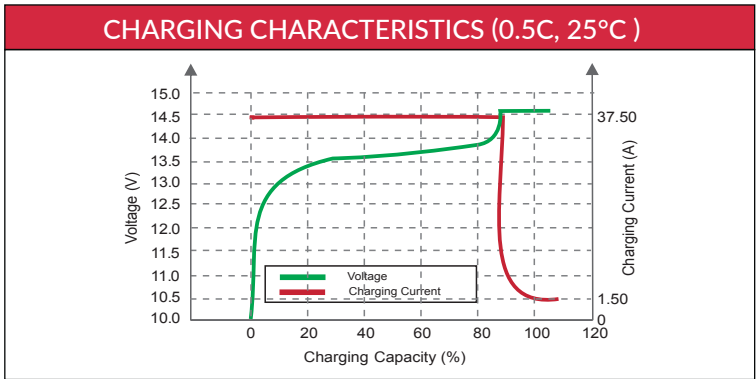
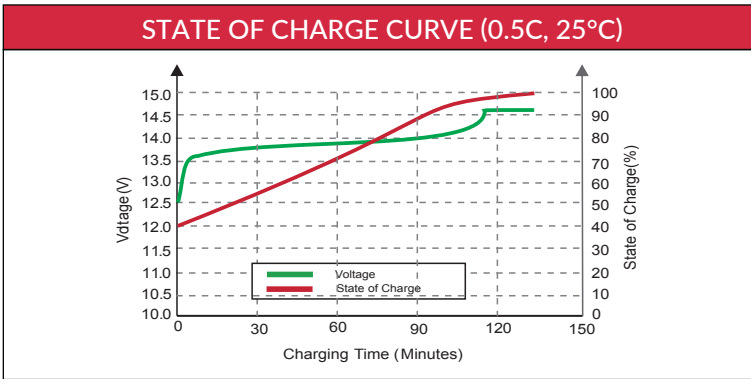
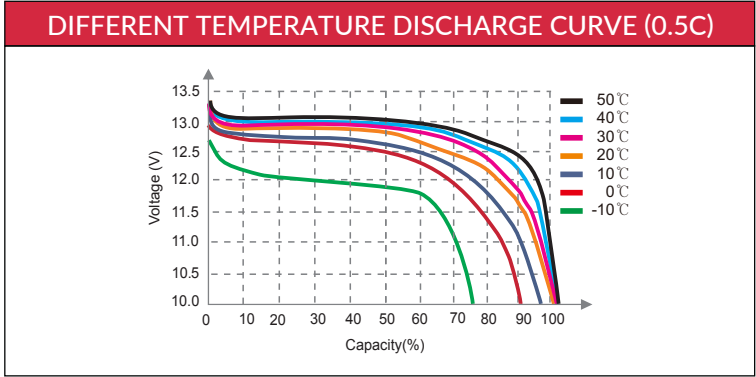
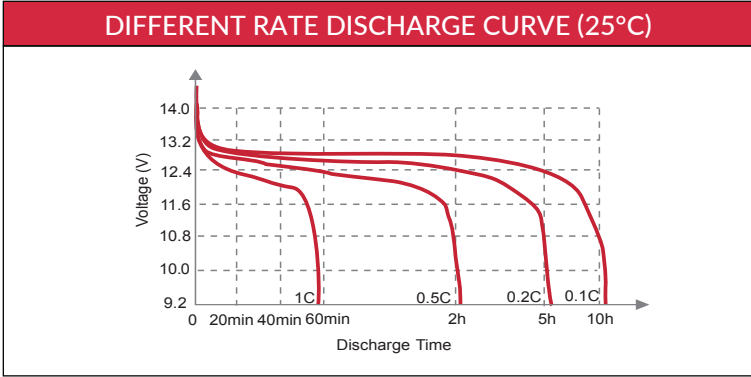


TEMPERATURE SPECIFICATIONS	
Discharge Temperature	-20 to 60 °C ( -4 to 140 °F )
Charge Temperature*	0 to -20 °C ( 32 to 113 °F )
Recommended Storage Temperature	-5 to 35 °C ( 23 to 95 °F )
BMS High Temperature Cut-Off	65 °C ( 149 °F )
Reconnect Temperature	50 °C ( 122 °F )










\*32°F = 0°C

MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	12.55 x 6.5 x 9.2" 319 x 165 x 234 mm
Weight	34.2 lbs (15.5 kg)
Terminal / Thread Pitch	M8 / 1.25
Bolt Length / Thread Depth	12mm / 10mm
Case Material / Torque	ABS / 80-100 in-lbs (9-11 N-m)
IP Rating	IP55
Cell Type - Chemistry	Prismatic - LiFePO4

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## FEATURE LIFEPO4 BATTERY

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**MORE CAPACITY :**  
 Lithium iron provides up to 100% of usable energy, which means you can discharge the battery entirely.
- 
**LIGHTWEIGHT :**  
 Lithium iron batteries are 60% lighter than lead-acid batteries, allowing for simple installation and transportation.
- 
**INTELLIGENT BMS :**  
 The battery management system monitors and adapts to battery conditions to maximize performance and safety.
- 
**MINIMAL SELF-DISCHARGE :**  
 Less than 3% self-discharge per month, which provides you more power when you need it.
- 
**INCREASED FLEXIBILITY :**  
 Install up to 4 lithium LiFePO4 batteries in series to increase overall voltage or up to 4 in parallel to increase amperage.
- 
**FASTER CHARGING :**  
 Charges much faster than conventional sealed lead-acid batteries, giving you access to reliable power quicker.
- 
**EASY INSTALLATION :**  
 Canbat lithium iron batteries are designed to be drop-in replacements for sealed lead-acid batteries.
- 
**HIGH DISCHARGE RATE :**  
 Ability to deeply discharge the battery at a high rate of discharge while maintaining high energy capacity.
- 
**LONG CYCLE LIFE :**  
 More than 2,500 cycles at a depth of discharge of 100% and a warranty of 10 years on all lithium batteries.