



CANBAT



Model: CLI200-12LT | Voltage: 12.8V | Capacity: 200Ah | Energy: 2560Wh | Group: 4D

ELECTRICAL SPECIFICATIONS

Nominal Voltage	12.8 V
Nominal Capacity	200 Ah
Capacity @ 25A	480 min
Resistance	≤30 mΩ @ 50% SOC
Efficiency	99%
Self Discharge	<3% per Month
Maximum Modules in Parallel or Series	4

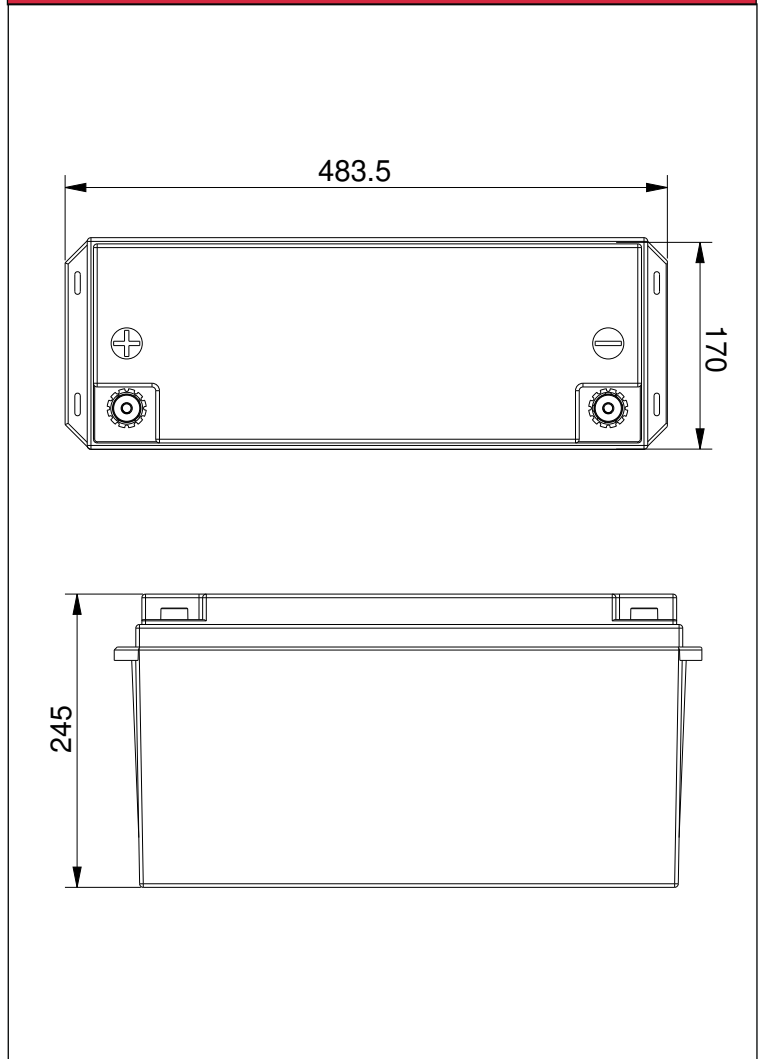
CHARGING CHARACTERISTICS

Recommended Charge Current	≤ 100 A
Maximum Charge Current	200 Ah
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	200 A
Peak Discharge Current	400 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

DIMENSIONAL SPECIFICATIONS



TEMPERATURE SPECIFICATIONS

Discharge Temperature	-20 to 60 °C (-4 to 140 °F)
Charge Temperature*	-20 to 60 °C (-4 to 140 °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)

BUILT-IN HEATER POWER DRAW: 120W

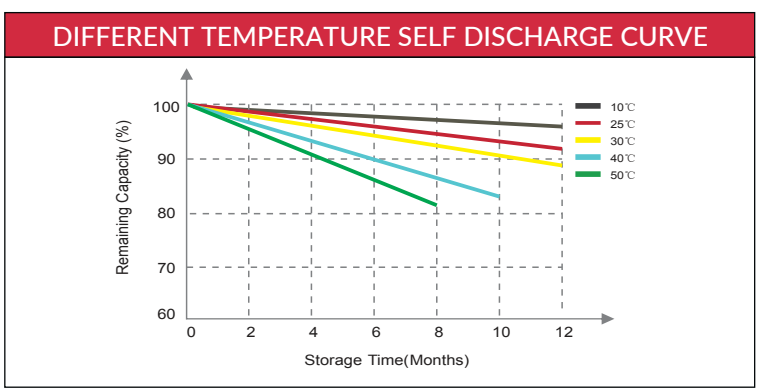
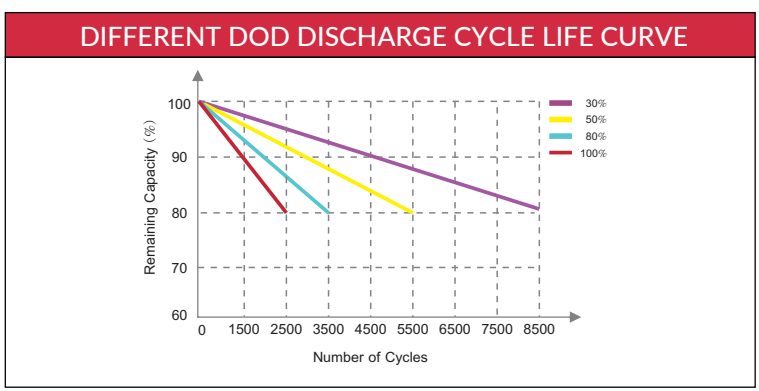
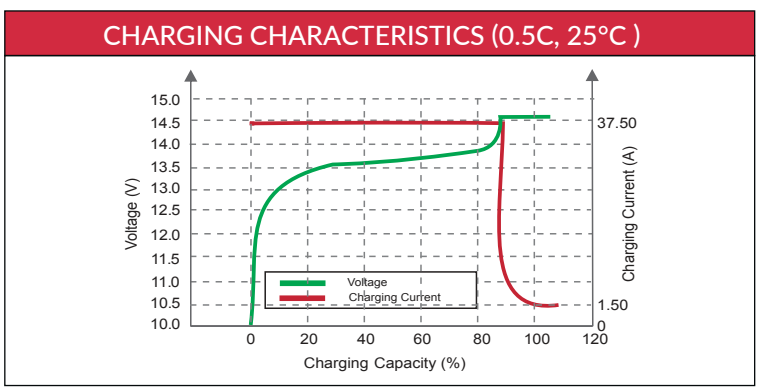
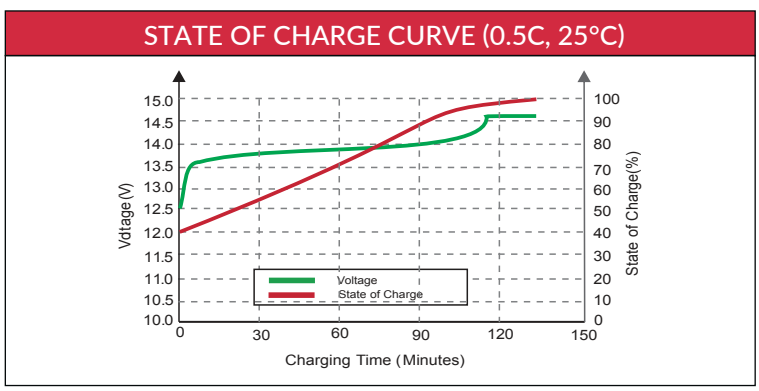
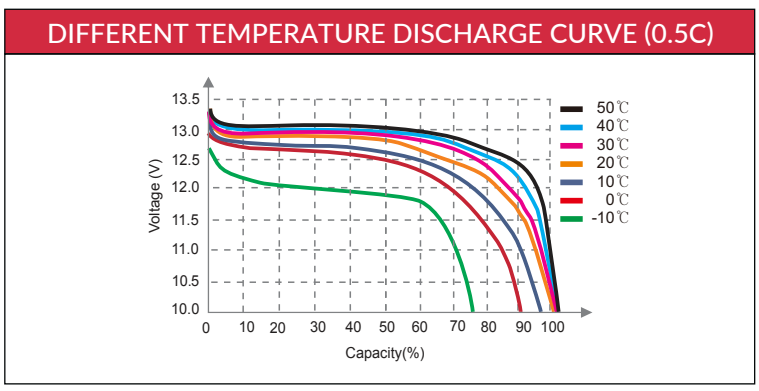
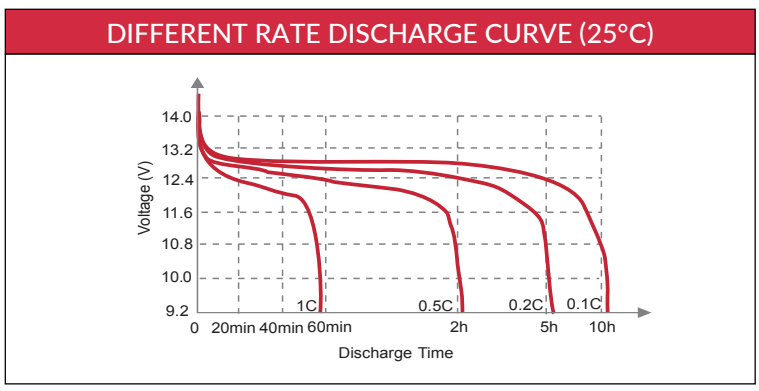
MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	19.05 x 6.69 x 9.65" 484 x 170 x 245 mm
Weight	51 lbs (23.13 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

- 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.