

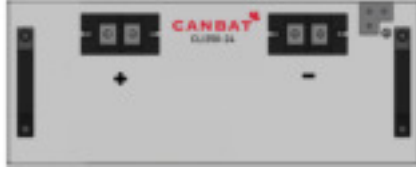
# CLI350-24

24V 350AH

Lithium Iron Phosphate Battery - LiFePO4



## CLI350-24



## Physical Specification

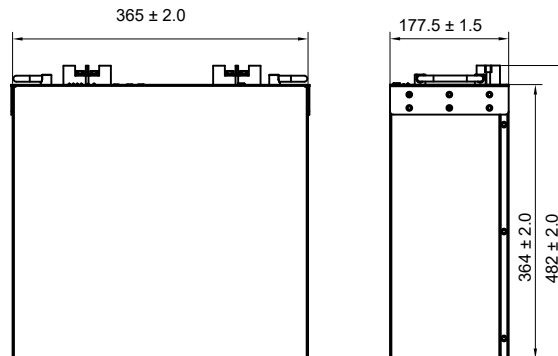
Part Number:	CLI350-24
Width:	482 ± 2 mm (19.0 inches)
Depth:	365 ± 2 mm (14.37 inches)
Container Height:	178 ± 2 mm (7.01 inches)
Approx Weight:	70.6kg (155.65lbs)

## Specifications

Electrical Characteristics	Nominal Voltage	25.6V
	Nominal Capacity	350AH
	Energy	8960Wh
	Internal Resistance (AC)	20mΩ
	Cycle Life	3000+ cycles @ 1C 100%DOD
	Monthly Self Discharge	Less than 3%
	Efficiency of Charge	100% @0.5C
	Efficiency of Discharge	96~99% @1C
Standard Charge	Charge Voltage	29.2±0.2V
	Charge Mode	0.2C to 29.2V, then 29.2V,charge current to 0.02C (CC/CV)
	Charge Current	35A
	Max. Charge Current	70A
	Charge Cut-off Voltage	29.2V±0.2V
Standard Discharge	Continuous Current	50A
	Max. Pulse Current	100A (Less than 3s)
	Discharge Cut-off Voltage	20V
Environmental	Charge Temperature	0°C to 55°C (32°F to 131°F) @ 60±25% Relative Humidity
	Discharge Temperature	-20°C to 60°C (-4°F to 140°F) @ 60±25% Relative Humidity
	Storage Temperature	-20°C to 45°C (-4°F to 113°F) @ 60±25% Relative Humidity
	IP Class	IP54

## Dimensions

### M8 Terminal



Model: CLI350-12  
Voltage: 25.6V

Capacity: 350Ah  
Energy: 8960Wh

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UN38.3



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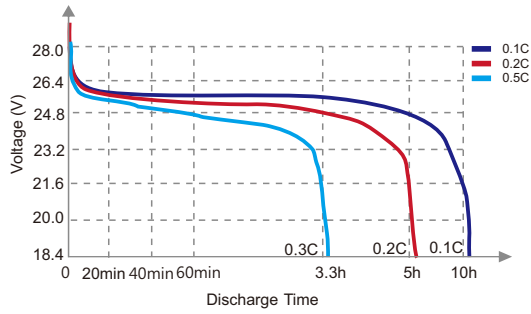
# CLI350-24

24V 350AH

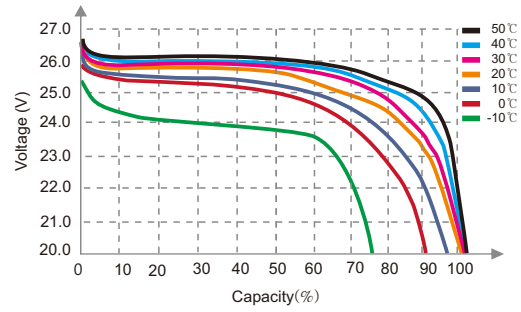
Lithium Iron Phosphate

# CANBAT

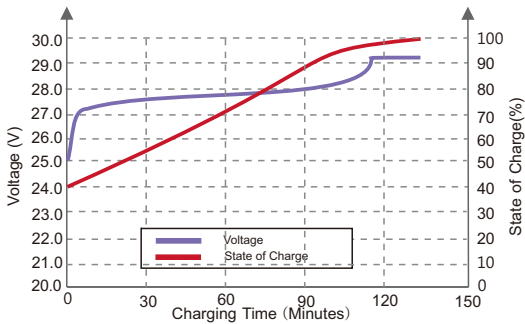
### Different Rate Discharge Curve (25°C)



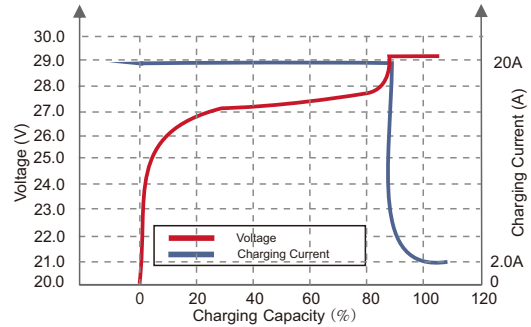
### Different Temperature Discharge Curve (0.5C)



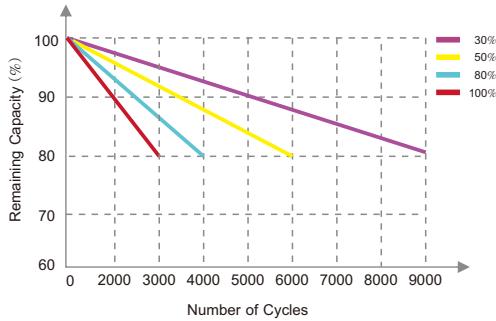
### State of Charge Curve (0.5C, 25°C)



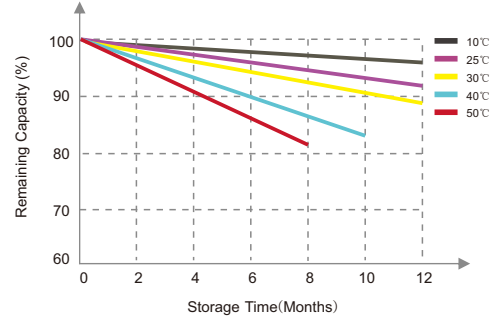
### Charging Characteristics (0.5C, 25°C)



### Different DOD Discharge Cycle Life Curve



### Different Temperature Self Discharge Curve



## Features of Lithium Iron Phosphate LiFePO4 Batteries



### MINIMAL SELF-DISCHARGE

Less than 2% self-discharge per month, which means more power when you need it.



### FASTER CHARGING

Charges much faster than conventional sealed lead-acid batteries, giving you access to reliable power quicker.



### EASY INSTALLATION

Canbat lithium iron phosphate batteries are designed to be drop-in replacement for sealed lead-acid batteries.



### HIGH DISCHARGE RATE

Ability to deeply discharge the battery at a high rate of discharge while maintaining a high energy capacity.



### ENVIRONMENTALLY FRIENDLY

Toxic-free and acid-free, which makes them environmentally friendly and you can install them in any direction.



### MORE USABLE CAPACITY

Lithium iron phosphate batteries provide up to 100% of usable energy, which means you can discharge the battery entirely.



### LIGHT WEIGHT

Lithium batteries are 60% lighter than sealed lead acid batteries, making installing and moving the batteries easier and faster.