### Specifications

**Electrical Characteristics**
- Nominal Voltage: 25.6V
- Nominal Capacity: 60AH
- Energy: 1536Wh
- Internal Resistance (AC): 50mΩ
- 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: 30A
- Max. Charge Current: 60A
- Charge Cut-off Voltage: 29.2V±0.2V

**Standard Discharge**
- Continuous Current: 60A
- Max. Pulse Current: 80A (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) @ 80±25% Relative Humidity
- Storage Temperature: -20°C to 45°C (-4°F to 113°F) @ 60±25% Relative Humidity
- IP Class: IP65

### Dimensions

**M8 Terminal**

![Dimensions Diagram]

Model: CLI60-24  
Capacity: 60Ah  
Voltage: 25.6V  
Energy: 1536Wh  
www.canbat.com  
UN38.3  
CE  
Recycling  
RoHS  
Canadian  

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CLI60-24
24V 60AH
Lithium Iron Phosphate

Different Temperature Discharge Curve (0.5C)

Different Rate Discharge Curve (25°C)

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.