

## Product Overview



The DeWalt DXAEC10 is a professional 10 Amp battery charger designed for 6-Volt and 12-Volt AGM, GEL, WET, and lithium iron phosphate (LiFePO4) batteries. It functions as a battery charger, maintainer, and trickle charger, providing convenient and automatic charging. The unit features fully automatic high frequency charging that restores lost battery performance for stronger engine starts and extended battery life. Built-in circuit protection guards against overcharging, reverse polarity, and short circuits. The charger includes an easy-to-read LCD screen for quick monitoring of charger operation.

## What's in the Box

- Battery Charger/Maintainer/Trickle Charger

## Product Features

### 3-in-1 Functionality

This unit functions as a battery charger, maintainer, and trickle charger, allowing versatile use for different battery needs.

### Compatibility

Compatible with 6-Volt and 12-Volt AGM, GEL, WET, and lithium iron phosphate (LiFePO4) batteries.

## **Fully Automatic Charging**

High frequency charging technology restores lost battery performance, resulting in stronger engine starts and extended battery life.

## **Circuit Protection**

Built-in protection guards against overcharging, reverse polarity, and short circuits to ensure safe operation.

## **LCD Screen**

Easy-to-read LCD screen provides a quick overview of charger operation and status.

## **Additional Features**

- Selectable 6-volt or 12-volt charging modes to optimize battery capacity and performance.
- Push-button selection for charging lead acid or lithium batteries.
- Automatic maintenance mode activates once the battery is fully charged to keep it at optimal capacity.
- Includes battery clamps for direct battery connection.
- Provides reverse polarity protection to ensure jumper cables are connected correctly.
- 6-foot long total reach from AC wall plug to battery cables for convenient placement.

## Technical Specifications

<b>Brand</b>	DEWALT
<b>Model Number</b>	DXAEC10
<b>Output Voltage</b>	12 Volts (DC)
<b>Input Voltage</b>	120 Volts
<b>Battery Charge Time</b>	120 minutes
<b>Current Rating</b>	10 Amps
<b>Product Dimensions</b>	6.75"D x 3"W x 4.5"H
<b>Item Weight</b>	1.1 Pounds
<b>Item Type</b>	Battery Charger / Battery Maintainer
<b>Warranty</b>	1 Year Manufacturer's Coverage

## Safety Information

### Warnings

WARNING - Cancer and reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Before using the charger, ensure proper connection to avoid risk of electric shock or damage:

- Always connect the charger to the battery terminals correctly to prevent reverse polarity.
- Do not expose the charger to water or moisture to avoid electrical hazards.
- Remove the charger from the battery before starting the vehicle to prevent damage from voltage spikes.
- Keep cables clear of moving parts, belts, and hot surfaces when connected.

## Usage Instructions

### Charging Modes

The charger supports multiple modes to suit different battery types and charging needs:

- **Battery Charger:** Charges the battery to full capacity.
- **Battery Maintainer:** Automatically maintains the battery at optimal charge once fully charged.

- **Trickle Charger:** Provides a low, continuous charge to keep the battery topped off.

## Operating the Charger

1. Select the appropriate voltage (6V or 12V) using the push-button on the unit.
2. Select the battery type: lead acid or lithium iron phosphate (LiFePO4).
3. Connect the battery clamps to the battery terminals: red clamp to positive (+), black clamp to negative (-).
4. Plug the charger into a 120 Volt AC outlet.
5. Press the charge button to begin charging.
6. Monitor the LCD screen for charging status and battery condition.
7. Once charging is complete, the maintainer mode will activate automatically to keep the battery at optimal capacity.
8. When finished, unplug the charger from the outlet and disconnect the battery clamps.

## LCD Screen Indicators

The LCD screen provides real-time information about the charging process:

- Charging status and mode.
- Battery voltage and charge level.
- Alerts for reverse polarity or connection errors.

## Additional Tips

- For Gel batteries, verify the maximum charging voltage to avoid damage.
- Do not leave the charger connected to the battery when starting the vehicle unless the charger is clear of belts and unplugged.
- Use the 6-foot cable length to position the charger safely away from the battery and vehicle components.

## Video Guide

Your browser does not support the video tag.

### Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

