

# blacklinesafety

# G7 EXO

## Battery Quick Charger

### Models

NA: 103832, Power, LiFePO Charger, 25 Amp, 3.65 volt, SB50 Red w/T handle, 115 VAC  
103837, AC cord, NA  
AU/EU/UK: 103833, Power, LiFePO Charger, 25 Amp, 3.65 volt, SB50 Red w/T handle, 230 VAC  
103834, AC cord, AU | 103835, AC cord, EU | 103836, AC cord, UK

## PRECAUTIONS

Read all operation and safety precautions before using charger.

**CAUTION:** Safety precautions must be observed to avoid personal injury, electrical shock or battery explosion.

- This charger is only to be used with Blackline Safety's rechargeable Lithium Iron Phosphate G7 EXO Battery Pack. Not for use with lead-acid or other type rechargeable batteries. Use with any other type of battery may cause damage or explosion.
- Keep charger out of reach of children
- DO NOT operate the charger in temperatures lower than 5°C (41°F) or higher than 40°C (104°F).
- DO NOT operate charger without proper ventilation
- DO NOT drop metal tools or personal items across battery terminals
- DO NOT operate the charger in a hazardous or explosive atmosphere
- DO NOT connect or remove the battery pack from the charger while in a hazardous or explosive atmosphere
- DO NOT operate the charger in a damp or wet environment
- DO NOT connect in series or parallel. Use one charger for one battery at a time.
- DO NOT operate the charger if its housing or cables are damaged
- DO NOT allow the cables to become tripping hazards
- DO NOT lay the cables in such a way that they are in risk of damage
- DO NOT attempt to perform service or repair. Contact Blackline Safety for warranty issues.

### Output protection fuse

If the charger does not initialize charging (Amber LED2) and LED2 remains Green when connected to a known discharged battery, check DC output in-line protection fuse. Use correct replacement fuse. 30 amp ATC style.

## GENERAL USE

Constant Current – Constant Voltage LiFePO charger

### Proper charging sequence

1. Position the charger and the EXO battery on a secure surface
2. Ensure the charger is unplugged from an AC outlet and the charger's power switch is Off
3. Connect the battery to the charger
4. Plug the charger into a grounded AC outlet
5. Turn the battery's power switch on

### Operating temperature

The charger's ideal operating temperature is 22°C (72°F) but it can be used between 5°C and 40°C (41°F to 104°F) without any adverse effects.

### LED charging sequence indicator Lights

Located on the end plate near the DC power cord and fan.

- LED1 (Left): Red – AC power connected, Power switch On
- LED2 (Right): Green – Charger Not Connected / No Load, or possible blown output fuse
- LED2 (Right): Amber – Charging, constant current – constant voltage, Fan On
- LED2 (Right): Green – Battery charged, Fan Off

### Charger safety features

- Reverse Polarity protection
- Short Circuit Protection
- Overheat protection (reduce current)
- Cooling Fan