

TRUE CHARGE™ 10

BATTERY CHARGER

xantrex™
Smart choice for power™

High performance, multistage charging

Available in:

12 V



Truecharge multistage battery charger is microprocessor controlled for fast and accurate charging of all deep-cycle 'house' batteries. A wide AC input voltage range enables proper delivery of a full three-stage charge, even when charging from less than perfect quality shorepower or generator power. Smart features, such as adjustable temperature compensation and independent settings prevent battery damage due to overcharging and help extend the life of expensive batteries. All Truecharge battery chargers come with a one-year warranty.

Truecharge 10

- » 10-amp DC output
- » Microprocessor-controlled, multistage charging
- » Easy battery connection with clip leads
- » Three settings for temperature compensation
- » Settings for flooded, gel lead-acid batteries
- » Wide voltage range operation (90-135 Vac, 50/60 Hz)
- » Automatic 21-day top-up program

Protection Features

- » Over-temperature shutdown and overload protection
- » Transformer isolated for safety and to protect against electrolysis
- » Reverse-polarity protection
- » Short-circuit and surge protection

Applications:



Recreational vehicles



Marine



Heavy duty trucks



Work vehicles



Specialty vehicles



NRTL/C

CSA Standard C22.2 No. 107.2 and UL 1236



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Electrical specifications

| | |
|---|-----------------------|
| Models | Truecharge 10 |
| Output current | 10 A @ 14.5 V nominal |
| Output voltage (nominal, depending on settings) | |
| Charge | 14.2 - 14.4 Vdc |
| Float | 13.5 - 13.8 Vdc |
| DC output connections | Clip leads |
| AC input voltage | 90-135 Vac, 50/60 Hz |
| Temperature compensation | Three settings |
| Charger efficiency | 85% approx. |
| Recommended battery type | Gel and flooded |
| Recommended battery size | 25 Ah to 100 Ah |

General specifications

| | |
|------------------------|---------------------------------------|
| Models | Truecharge 10 |
| Operating temperature | 0°C to 40°C |
| Storage temperature | -25°C to 70°C |
| Battery connection | Alligator clip leads |
| Dimensions (H x W x L) | 2.75 x 6.5 x 9.0" (70 x 165 x 230 mm) |
| Weight | 3.0 lb (1.4 kg) |
| Warranty | Two year |
| Part Number | 804-0100 |

Regulatory and environmental compliance

Truecharge 10 Compliant to CSA/NRTL CSA 107.2, UL 1236

Note: Specifications subject to change without notice.

Three-stage Charging

Multistage charging ensures batteries receive optimum charging, but with minimal wear and tear, regulating the voltage and current delivered to the batteries in three automatic stages:

- » Bulk: Replaces 70-80% of the battery's state of charge at the fastest possible rate.
- » Absorption: Replenishes the remaining 20-30% of charge, bringing the battery to a full charge at a slow, safe rate.
- » Float: Voltage is reduced and held constant in order to prevent damage and keep batteries at a full charge.