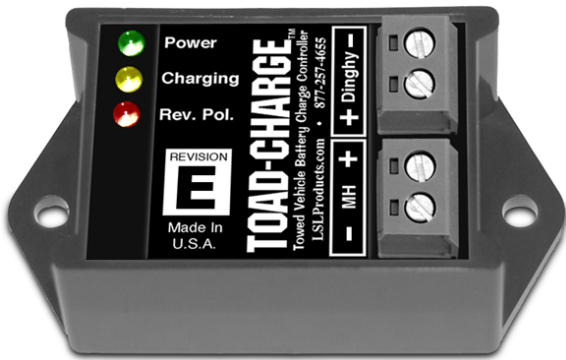


TOAD-CHARGE™

Towed Vehicle Battery Charger Kit



FEATURES

EFFECTIVE

- Prevents battery discharge when towing with an auxiliary braking system
- Allows quick, effortless engine starting

CONVENIENT

- Completely automatic — Install it and forget it!
- Charger cable unplugs when not in use, can be stowed away with towbar
- No battery drain when vehicle is parked
- LED indicators show system status at a glance

HIGH PERFORMANCE

- Provides up to 10 Amps of charging current
- Built-in blocking diode keeps battery fully charged, even if motorhome batteries are completely discharged
- Fully protected against overcurrent, short circuits
- Works with single or dual (diesel) motorhome starting batteries

ECONOMICAL

- Pays for itself in longer battery life

EASY INSTALLATION

- Installs in minutes
- Instructions, mounting hardware included

QUALITY CONSTRUCTION

- Rugged, weatherproof epoxy-encapsulated enclosure
- American-Made
- One-Year Warranty

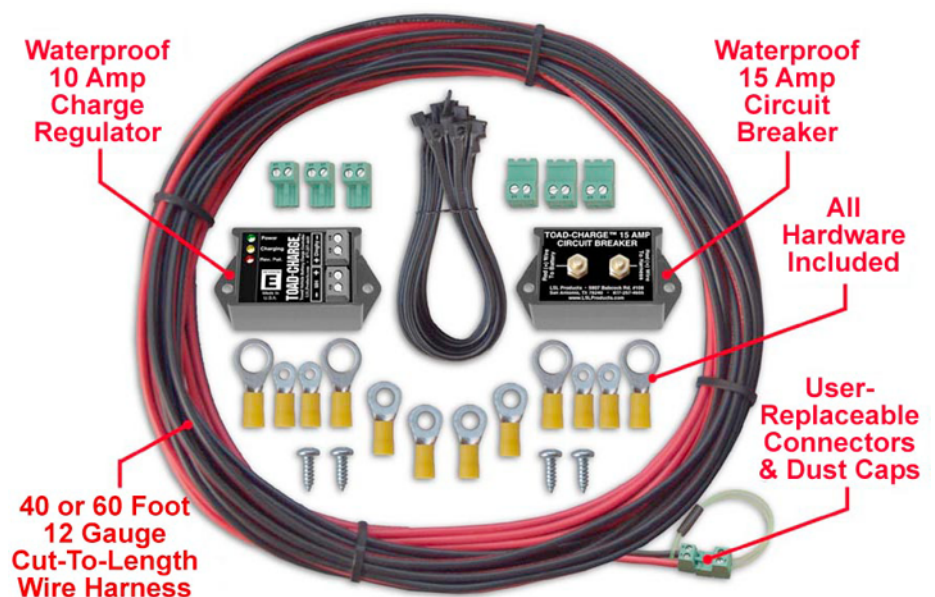
TOAD-CHARGE™ is designed to keep the battery in your towed vehicle (or "Toad") charged while it is being towed behind your motorhome, thereby solving the battery discharge problems often caused by auxiliary braking systems or leaving the ignition switch on.

The TOAD-CHARGE™ kit connects between your motorhome's starting (or chassis) battery(s) and the towed vehicle's battery, using the motorhome's alternator to supply up to 10 amps of charge to the towed vehicle's battery.

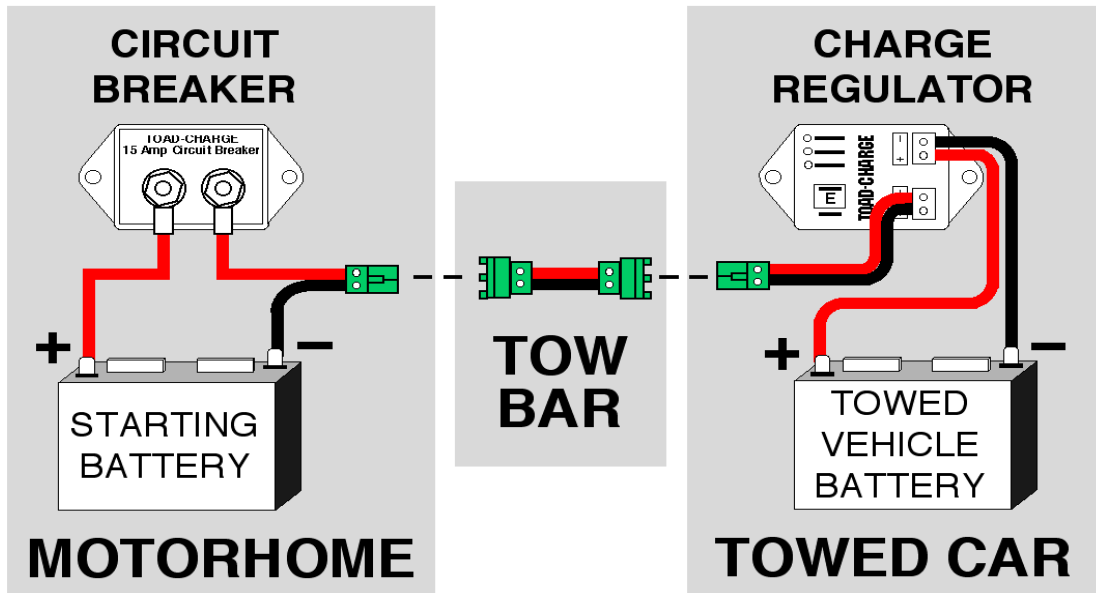
The TOAD-CHARGE™ kit consists of several components: The Charge Controller installs in the towed vehicle's engine compartment - It monitors the charging current and prevents reverse current flow when the motorhome engine is started. The Circuit Breaker is installed near the motorhome starting battery to protect against excessive current flow due to wiring faults or a dead battery.

The power cable is user-cut to any desired lengths on the motorhome, tow bar and dinghy vehicle. Both 40' and 60' cable versions are available, in order to accommodate motor coaches with either front- or rear-mounted batteries. Detachable connectors provide for quick detachment when the kit is not being used. To minimize voltage drops, the cable uses beefy 12 gauge wiring, and includes a dedicated ground wire. The kit operates independently of your motorhome's existing trailer hitch wiring.

Installation is quick and simple, with just two wires to connect in both the motorhome and towed vehicle engine compartments - The motorhome side of the harness connects to your motorhome's starting or house batteries, and the towed vehicle side connects to your dinghy vehicle's battery. A variety of crimp-on ring terminal sizes are supplied for making connections either directly to the dinghy battery posts, or to nearby DC power terminals.

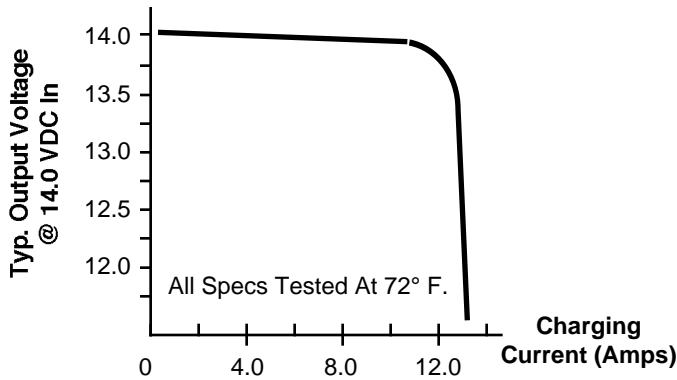


FAST, EASY HOOKUP



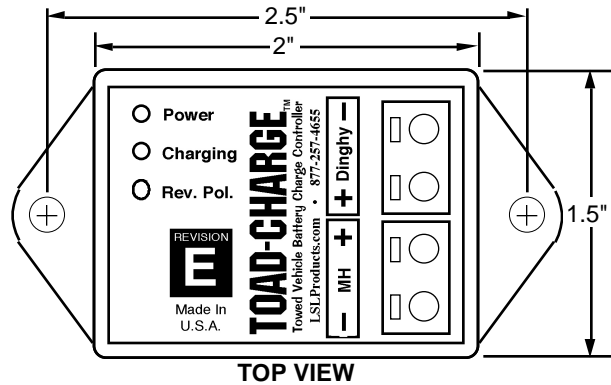
CHARGE CONTROLLER ELECTRICAL SPECIFICATIONS

- Supply Voltage: 12 to 18 VDC
- Output Current: 10.0 Amps Max.
- Motorhome Batt. Idle Current: Less than 5 mA
- Towed Vehicle Idle Current: Less than 5 mA
- Operating Temperature: -30°F. to +140°F.
- Short Circuit Current: 0.25 Amps Typ.
- Short Circuit Duration: No Time Limit
- Max. Reverse Voltage: 45 VDC
- Reverse Voltage Duration: No Time Limit



CHARGE CONTROLLER PHYSICAL SPECIFICATIONS

(NOTE: Circuit Breaker dimensions are identical)



Specifications Subject To Change Without Notice.

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