tbs electronics

BATTERY CHARGER
programmable multi output battery charger

⚠ Before charging, read the owner's manual. Do not expose to rain. Disconnect the supply before making or breaking DC connections. WARNING : Explosive gases, prevent flames and sparks. Provide adequate ventilation during charging. This appliance must be earthed.

CE

www.tbs-electronics.com

Omnicharge
programmable automatic battery chargers

Description | The Omnicharge 12-40, 12-60, 24-20 and 24-30 are fully programmable, automatic battery chargers designed for professional applications.

Combining the latest technologies and the best available parts with years of power electronics design expertise, the Omnicharge battery chargers will deliver long life performance even in the most demanding applications. A unique active rectifier output stage ensures unmatched efficiency figures. Combined with active PFC, the Omnicharge battery chargers are very energy efficient. This will reduce running costs and guarantees a maximum charge current per AC Watt.

All Omnicharge models are equipped with advanced temperature compensated 4 stage charging programs. Standard available are Flooded, GEL and AGM charge programs. But users are also allowed to create a custom charging program for their specific battery, such as a Lithium based derivative, using the TBS Dashboard software. The standard available TBSLink port enables remote control and readout via the optional TBS Universal Remote Control.

All Omnicharge units are easy to install and come standard with temperature sensor and a very clear installation and operating instruction manual.

Features

- Two battery outputs
- Robust industrial design
- Designed for continuous duty charging
- Very efficient
- Universal power factor corrected auto ranging AC input
- No charge current derating at 115VAC input
- Protected against battery failure, high temperature, overload, short circuit, low input voltage and reverse polarity (fuse)
- Multistage intelligent charging programs
- Programmable charging programs up to 8 stages
- Protects the battery from being overcharged
- Variable speed fan for silent operation
- Remote on/off capability
- Alarm relay (optional Alarm Output Expander available)
- Remote control capability via TBSLink
- Easy to access connection bay for installing AC-, DC and control wiring
- Temperature sensor included
- CE certified
- 24 month warranty

Applications

- Recreational vehicles
- Marine applications
- Industrial systems
- Mobile entertainment systems
- Service vehicles
- Remote homes

Accessories

- DC cable kits
- Universal Remote Control with LCD[1]
- TBSLink communication kit including software
- Alarm output expander