TRUE BLUE POWER®

PRO

True Blue Charger PRO
TT28-12

Distributed by Mid-Continent Instrument Co., Inc.

Charge, discharge and test lithium-ion and lead-acid aircraft batteries with the intelligent and easy-to-use TT28-12 True Blue Charger PRO.



TT28-12

The **True Blue Charger PRO** is designed to support 12 and 24-volt lithium-ion and lead-acid batteries.

It's the ONLY battery charger to automatically discharge lithium-ion aircraft batteries to 30% state-of-charge, as required for air shipment.

The **True Blue Charger PRO** is pre-loaded with all charge and discharge parameters for True Blue Power lithium-ion batteries, allowing maintenance personnel to safely and efficiently top charge batteries and perform scheduled capacity checks.

Product features

COMPATIBILITY	Charge, discharge and test lead-acid and True Blue Power lithium-ion aircraft batteries: TB14 13 amp-hour TB17 17 amp-hour TB20 20 amp-hour TB28-12V 26 amp-hour TB30 30 amp-hour TB40 40 amp-hour TB44 46 amp-hour TB50 50 amp-hour TB60 60 amp-hour TS835* 4.5 amp-hour
VARIABLE POWER	12.5 amps charge (nominal) 60 amps discharge (maximum)
DISPLAY	Alphanumeric LCD display provides battery mode, current, voltage, temperature and timer
LED INDICATION	Charge, Discharge, Fault
AUDIBLE ALERTS	Low voltage, temperature and reverse polarity
WARRANTY	One-year limited

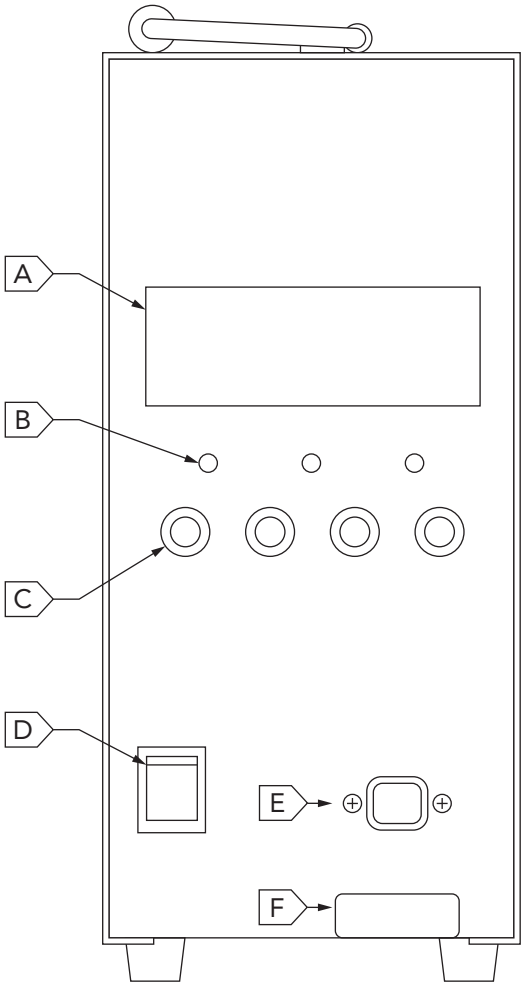
*Battery charging adapter required (P/N 9012-1081)

From the world leader of
certified lithium-ion aircraft batteries

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A Display
B Indicators
C Control Pushbuttons
D Power Switch
E Temp Connector
F Battery Connectors

Technical specifications

INPUT VOLTAGE	90 – 132 VAC or 180 – 264 VAC (switch selected) 47 – 63 Hz
INPUT POWER	8.4A at 115 VAC 4.35A at 230 VAC 15A Circuit Breaker
BATTERY CHARGE VOLTAGE	Lithium-ion 14.4 / 28.8V (maximum) Lead-acid 14.4 / 28.8V (maximum)
OPERATING TEMPERATURE	0°C to +55°C (32°F to 131°F)
STORAGE TEMPERATURE	-40°C to +80°C (-40°F to +176°F)
DISPLAY MEASUREMENT	Up to 0.1V, 0.1A
DATA ACCURACY	±0.2V, ±0.2A
WEIGHT	29.5 lbs (13.4 kg)
DIMENSIONS	6.5” W x 14.5” H x 15” D
BATTERY CONNECTORS	Compatible with MS-3509, 5/16” ring terminals, alligator clamps and temperature cables
PROTECTION AND MONITORING	Overcharge, over-temperature and time out for failed batteries, auto shut off after top charge is complete and audible alerts for low voltage and reverse polarity

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