

TRIMETRIC BATTERY MANAGEMENT SYSTEM

**FOR YOUR OFF-GRID SOLAR HOME,
RV & MARINE NEEDS**

INCLUDES:

- TRIMETRIC TM-2030 BATTERY MONITOR
- SC-2030 PWM 30 AMP SOLAR CHARGER
- REQUIRED ELECTRICAL SHUNT
- 35 FT PREPARED CABLE WITH FUSE-HOLDER
- CROSSOVER-TYPE MODULAR CABLE
- TS-2 TEMPERATURE SENSOR FOR SC-2030

ALL-IN-ONE KIT



TriMetric BMS All-In-One Kit

ADDITIONAL FEATURES

Able to return a measured amount of amp hours.

Amp hour counting: Provides charging based on replacing an adjustable percentage of previous discharge amount to avoid undercharge or overcharge.

IUI Charging: Performs a regulated current, higher voltage finish charge, beneficial for solar charging to safely get more charge in the batteries during a limited solar day.

3 Year Limited Warranty

**30 Amp PWM 3-4 Stage Solar Charging
Advanced Monitoring Capability**

TM-2030 MONITORING

- Compatible with any charging system or solar controller
- 12-48 V Systems
- View Volts, Amps, percent full
- Replaced percentage from last discharge (rPC)
- Days since charged
- Days since equalized
- Audible low battery alarm

SC-2030 CHARGING

- Designed to work with the TM-2030 TriMetric monitor
- Customizable 3 or 4 stage charging
- Completely controllable from TM-2030 Monitor
- All settings and readings are accessed from the TM-2030
- All charging parameters are programmable to suit individual system requirements for all types of batteries: Wet cell, AGM, Gel, Lithium
- PWM type for 12-24 volt systems. 31 amps max charging. May add an additional SC-2030 for 62-amps max charging (kit required).
- Maximum open circuit voltage (Voc) from solar panels must not exceed 55V
- Works in "standalone" mode with basic minimal function
- Optional temperature compensation

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TriMetric Battery Management System

ALL-IN-ONE KIT



Four Options to Choose From

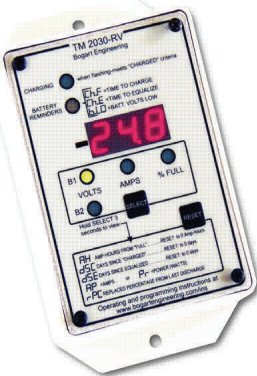
Based on System Size and Individual Requirements

Choose your preferred TriMetric model and Shunt Type

PRODUCT	Model	Shunt Type	Max Current *
BMS-TM-RV-500	TM-2030-RV	500 Amp - 50 mV	400 Amps
BMS-TM-A-500	TM-2030-A	500 Amp - 50 mV	400 Amps
BMS-TM-RV-100	TM-2030-RV	100 Amp - 100 mV	75 Amps
BMS-TM-A-100	TM-2030-A	100 Amp - 100 mV	75 amps

*Max. system steady state current in Amps. [Visit our support page for information about shunts](#)

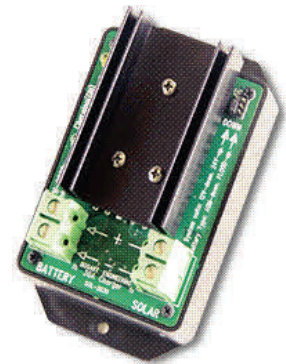
TM-2030-RV MONITOR



TM-2030-A MONITOR



SC-2030 CHARGER



TriMetric Sizes: TM-2030-RV: 3 x 5-1/4 x 1-3/8 inches deep

TM-2030-A: 4-1/2 x 4 -3/4 x 1-1/4 inches deep (ideal to flush mount)

View more information on our product page: <http://www.bogartengineering.com/products>



MADE IN USA

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