

FEATURES

The Battery Metric™ RM modules provide a packaging that allows for flexible installation in a variety of situations. The system is expandable to provide any number of channels.

Each module is a single channel and is available in several current and voltage configurations. The power supplies are external to the module which also allows a number of different powering situations. Power supply is connect by either using the top screw terminals or the top 2.1mm barrel plug connector. Each channel is fully isolated when powered by separate power supplies.

Modules come equipped with rear mounted DIN rail mounting clips for attaching to standard 35mm x 7.5mm DIN rail. Optional DIN rail to 19 inch rack bracket available.

Users can build a system with standard DIN mounted power supplies or brick style supplies conveniently positioned.

The system is used with *Battery Console* or *BA500WIN* software for operation, control, monitoring and data collection. Connection to the computer is accomplished by using a USB to Data BUS controller. Only 1 USB controller is required per system. The first module connects to the controller and the other modules connect to each other. The controller can be mounted to the side of a module as pictured or DIN rail mounted.

Each module includes:

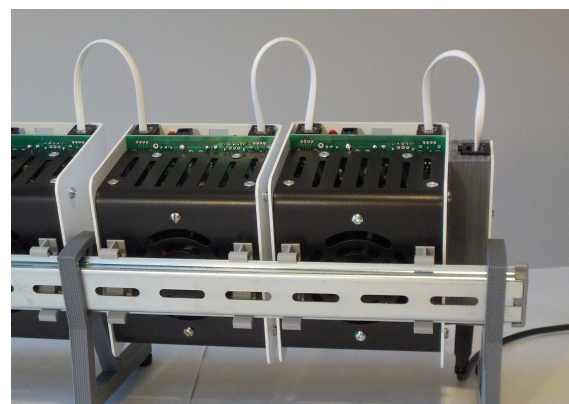
- 3 current ranges and 16 voltage ranges for precision.
- 12 bit A/D & 12 bit D/A for 0.25% full scale accuracy.
- Short circuit, reverse polarity and overload protection.
- 8 lower screw terminals to connect battery, temperature probe or optional I/O lines.
- Four wire or two wire battery connection.
- LED status and power indicators. Vector control button.
- Integrated heat sink and fan with rear exhaust.
- 6 inch modular cable included with each module to connect to the controller or another channel.
- 10w x 12h x 11d cm with rear DIN rail mounting clips.
- Factory calibrated with calibration certificate.

ACCESSORIES

- ▶ USB to Data BUS controller with DIN clip. USBCTRL
- ▶ 12" DIN rail with 2 desktop brackets. DINDESK2
- ▶ 18" DIN rail with 3 desktop brackets. DINDESK3
- ▶ Modular data extension cable. MODCable-XX
- ▶ DIN rail to 19 inch rack mount bracket
- ▶ Brick power supply with 2.1mm plug. Various
- ▶ 19 inch rack mount power strip with 8 N/A outlets
- ▶ DIN rail mounted power supply. Various
- ▶ Thermistor temperature measurement cable. TEMPOP



4 Module system with table top 19" rack, power supplies and battery shelf



Rear View

Single Modules

Power supplies & accessories sold separately

Order No	Max Vol	Max Cur	Max Pwr	US\$
RM202	20 V	+/- 2 A	40 W	398
RM204	20 V	+/- 4 A	80 W	448
RM207	20 V	+/- 7.5 A	100 W	498

Higher voltage modules available by special order

Complete Systems

Complete RM systems include: 19" table top rack, battery shelf(s), DIN rail to 19" bracket, power bar, power supplies, and cables

4 Modules with 1 shelf	8 Modules with 2 shelves
4-Ch RM202 - \$2950	8-Ch RM202 - \$4990
4-Ch RM204 - \$3200	8-Ch RM204 - \$5440
4-Ch RM207 - \$3450	8-Ch RM207 - \$5865