

Reconnect your discharged string back to the bus - fast!

RM-650 Recharge Module

Reconnecting a discharged string back to the bus can be time consuming and expensive. And when done incorrectly, the huge in-rush of current can create dangerous and destructive arcs. The Alber RM-650 Recharge Module is the first device that allows a 48 volt discharged string to be recharged using the existing on-line charger.

The RM-650 incorporates a current limiting circuit that can be operated in a manual or automatic mode, which facilitates the recharging of a discharged battery. The unit applies a resistance across a disconnect switch and limits current to 700 amps. Typical maximum current is 650 amps. When the battery voltage is close to the bus voltage (within approx. 0.5 volts), the string can be safely connected back to the bus.



- ✓ **Eliminates the need for a large and expensive charger to be temporarily connected to the discharged string.**
- ✓ **Reduces the risk of high-current draw when reconnecting a battery to the power bus.**
- ✓ **Easy-to-read indicators for current, voltage, and process status.**
- ✓ **Protected against overcurrent and overvoltage.**
- ✓ **Front panel terminals for easy voltage and current measurement.**
- ✓ **Automatic or manual operation.**
- ✓ **AC powered, portable, and easy to use in shop or field.**
- ✓ **Handle and wheels for easy moving.**
- ✓ **No calibration is required.**

Over the past 35 years, Alber has continued to develop and improve the techniques in use today for testing batteries. The RM-650 is yet another innovative product from Alber, the leading manufacturer of battery test equipment.

RM-650 SPECIFICATIONS

Power

Less than 2 amps or 250 watts at 115VAC \pm 10% 60Hz

Fuses

One 4 amp fuse, fast blow. Part of power entry module.

Inputs

Terminal pads for connection to a disconnect switch. (For 48 volt only)
AC Input. Part of power entry module.

Outputs

Current Sense terminals for internal current indication.
Voltage Sense terminals for terminal pad / disconnect switch voltage indication.

Controls

AC Power on/off. Rocker switch; part of power entry module.
Manual/Automatic select. Rotary switch to select automatic mode, off/reset, or manual steps.

Indicators

Step Enable LED. Current status and ready indicator.
Overcurrent LED. Current status indicator.
Overvoltage LED. Voltage status indicator.
Step Status LEDs (7). Current and step status indicator.

Ventilation Requirements

Unit must be kept at least six inches away from other surfaces.
Air flow must remain unobstructed.

Installation Requirements

Unit must be operated in a normal, vertical position. (Wheels on floor.)

Dimensions

Weight 70 lbs.
Size 35"H x 18"W x 16"D

Operating Environment

Operating Temperature Range: 20°F to 140°F

Accessories

Current Cables, 10 ft standard



3103 North Andrews Ave. Ext., Pompano Beach, FL 33064
(954) 623-6660 / Fax (954) 623-6671