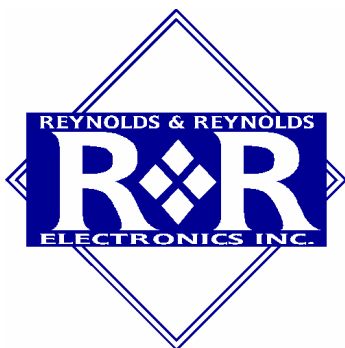
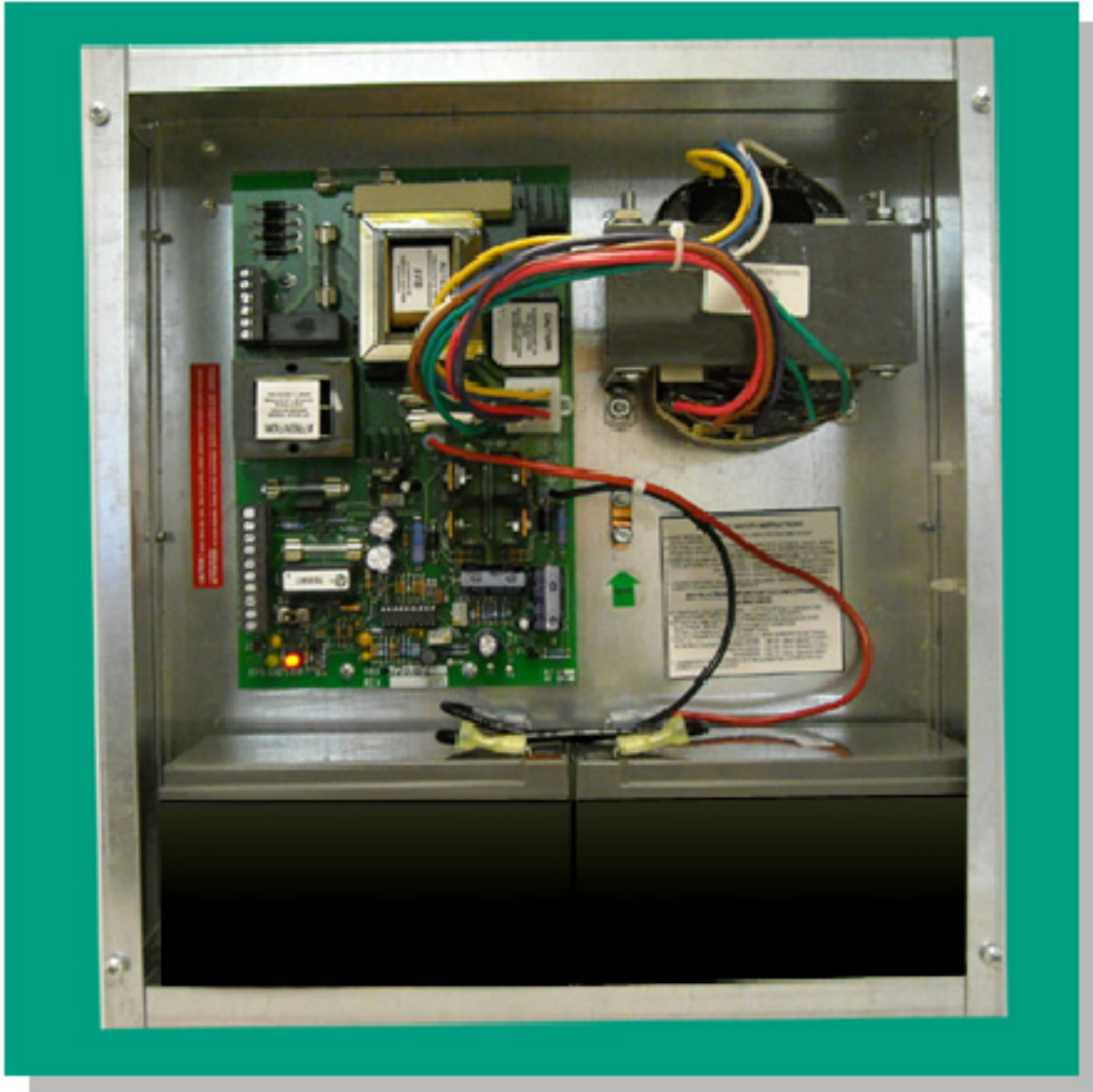


POWERVATOR®

Emergency Return System

RB2E

CSA CERTIFIED



Fully Enclosed Unit

Allows for flexibility for improved controller layout and accessibility.

Emergency Return System

- ❖ Unit is 14”H x 13”W x 5.25”D; total weight with batteries is 42 pounds.
- ❖ Unit is designed to be installed as a stand alone cabinet that integrates easily with the elevator controller.
- ❖ Automatic activation – unit turns on during power failure to power the entire controller, thereby keeping all safety circuits intact. When required, unit will provide separate voltages for seamless controller, valve and door operation. The unit can be triggered by remote reverse phase relay in controller.
- ❖ Units are available with 120V_{AC}, 208V_{AC} - 240V_{AC} with 260V_{DC}. CSA approved in these voltage combinations.
- ❖ Switched 24V_{DC} that can be used for extra control functions.
- ❖ A set of dry contacts are built into the unit that may be used to signal the controller that it is under emergency power, aid in power transfer or pilot other relays.
- ❖ Circuit board connection to main disconnect contact will inhibit the unit during maintenance work, thereby preventing unexpected power going to the controller or valve.
- ❖ Relay and rectifier isolation keep main and emergency power separate.
- ❖ Voltage output is automatically regulated to maintain controller stability.
- ❖ Unit has replaceable main relay.
- ❖ On/Off/Test switch on circuit board aids in routine diagnostic test and allows safe maintenance work.
- ❖ Frequency and output voltage may be adjusted on the circuit board.
- ❖ Single circuit board design and removable interface connectors allow simpler circuit board exchanges.
- ❖ Indicators located on circuit board show low battery, battery charging and power loss sensing conditions.
- ❖ Batteries, outputs, logic circuitry and battery charger are individually fused for extra protection.
- ❖ Maintenance free sealed lead-acid batteries are trickle charged to prolong their life. Sealed batteries eliminate the possibility of dangerous fume build-up.
- ❖ *Optional* Battery Disconnect Switch (complies with California codes.)

Up to 500 VA power output
Regulated output
Internal current limiting &
fused protection

Free Technical Support
Dimensions 14”H x 13”W x 5.25”D
Complete unit CSA approved
One year warranty

