

# POWERMATOR®

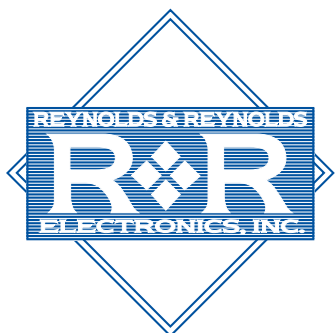
*Emergency Return System*

*Single  
Phase*

CSA CERTIFIED



*Proven  
Reliability  
IN COMPACT DESIGN*



# POWERVATOR®

## *Emergency Return System*

# UV-2 SERIES

- ❖ Compact, wall mounted steel cabinet contains the electronic circuitry and batteries.
- ❖ Simplified primary side installation available (208VAC – 480VAC)
- ❖ Automatic activation — unit turns on during power failure to power entire controller, thereby keeping all safety circuits intact. When required, unit will provide multiple voltages for seamless controller, valve and door operation.
- ❖ Optional reverse phase relay can be added, if required in elevator specs.
- ❖ A set of dry contacts are built into the unit to signal the controller it is under emergency power, aid in power transfer or pilot other relays.
- ❖ Terminals on the circuit board connect to the main disconnect safety to inhibit the unit during maintenance work, thereby preventing unexpected power going to the controller valve.
- ❖ Relay and rectifier isolation keep main and emergency power separate.
- ❖ Voltage output is regulated to maintain controller stability.
- ❖ ON/OFF, Battery Disconnect and main disconnect SAFETY switches aid in routine diagnostic tests and allow safe maintenance work.
- ❖ Frequency, charger voltage, and voltage regulation may be adjusted in the field via adjustable resistors on the circuit board.
- ❖ Single, hinged circuit board design allows for simple board or battery exchange.
- ❖ Indicators located on circuit board show battery charging and inverter activity.
- ❖ Separate fusing for batteries, outputs, logic circuitry and battery charger offer extra protection.
- ❖ Maintenance-free, sealed-lead acid batteries are trickle charged for prolonged life. Sealed batteries eliminate possibility of dangerous fume build-up.

**Up to 750 VA power output**  
**Internal current limiting &**  
**fused protection**  
**Technical field support**

**Dimensions 12.5"Hx12.5"Wx8"D**  
**Complete unit CSA approved**  
**1 Year warranty**  
**Full liability coverage**

