

Battery Operated Rescue Initiation System



The BORIS battery lowering system is an uninterruptible power supply for elevators and escalators. BORIS helps prevent blackouts, brownouts, sags, swells, and surges from reaching the protected load under normal conditions.

It protects the load from large disturbances by internally disconnecting from the utility line and supplying power from its internal batteries until the utility line returns to normal.

SPECIFICATIONS:

- Input: 120V - Single Phase - 60Hz;
- On Line Operation (Input) Limits 92-146 VAC; 50-60Hz (Auto-sensing)
- Transfer Time 2 ms Typical, 4 ms Max
- On-Battery Output 115 VAC ($\pm 5\%$); 50/60 Hz (± 0.1 Hz); 450W-750VA; 670W-1000VA; Sine-wave; Over Current and Short Circuit Protected, Latching Shutdown
- Battery Recharge Time: 2-5 hrs. From Total Discharge State
- Operating Environment: 32°-104°F

FEATURES:

- Surge Protection
- EMI/RFI Filtering
- High and Low Voltage Correction (Without Draining Batteries)
- Automatic Battery Testing During Power Up and Every 14 Days Thereafter
- User-replaceable Batteries That Can Be Replaced Without Having to Remove Power From The Loads
- User-resettable Circuit Breaker
- Spill-proof, Maintenance-free, Sealed Lead-acid Battery with 3 to 6 Year Typical Life Expectancy