



Safeguarding medium voltage industrial and distribution networks against outages and damage caused by electrical faults is key to a secure and profitable workplace. Line to ground faults account for 98% of all plant electrical failures. Eliminating their potentially deadly effects dramatically increases productivity and safety.

Part of Post Glover’s newly launched SmartPulse family, the SmartPulse MV is a fully featured medium voltage high resistance grounding package. Digital controls accessed through a color touchscreen, Ethernet communications, and field adjustable ground fault current levels are packaged in a UL Listed assembly

Available in both wye and delta configured solutions, the SmartPulse MV can be used to retrofit existing networks designed into new installations from the conceptual stage. With several enclosure options, its ease of installation, top-level factory support and overall superiority make this the easy choice when the customer requires a high resistance grounding system for complete ground fault protection.



## Features of the SmartPulse MV

### Tapped Resistors

Multiple resistor settings standard from the factory to adjust for actual system charging current

### Real-time Data Logging

Alarms, events and user access are all logged with a date/time stamp

### Digital Controls

All set points and features available through color touchscreen HMI simplifying field set-up

### Ethernet Connectivity

Communication over Modbus via Ethernet TCP/IP or RS-485 are standard for remote monitoring and configuration

### Enclosure Options

Available in indoor or outdoor, painted or stainless steel, wall-mount or freestanding to meet site specific needs

### Eliminate Nuisance Alarms

Voltage and current alarms are triggered by the fundamental frequency only, avoiding alarms created by harmonic distortion

### Upgradeable Firmware

Easily upgraded by the user as new features and improvements become available

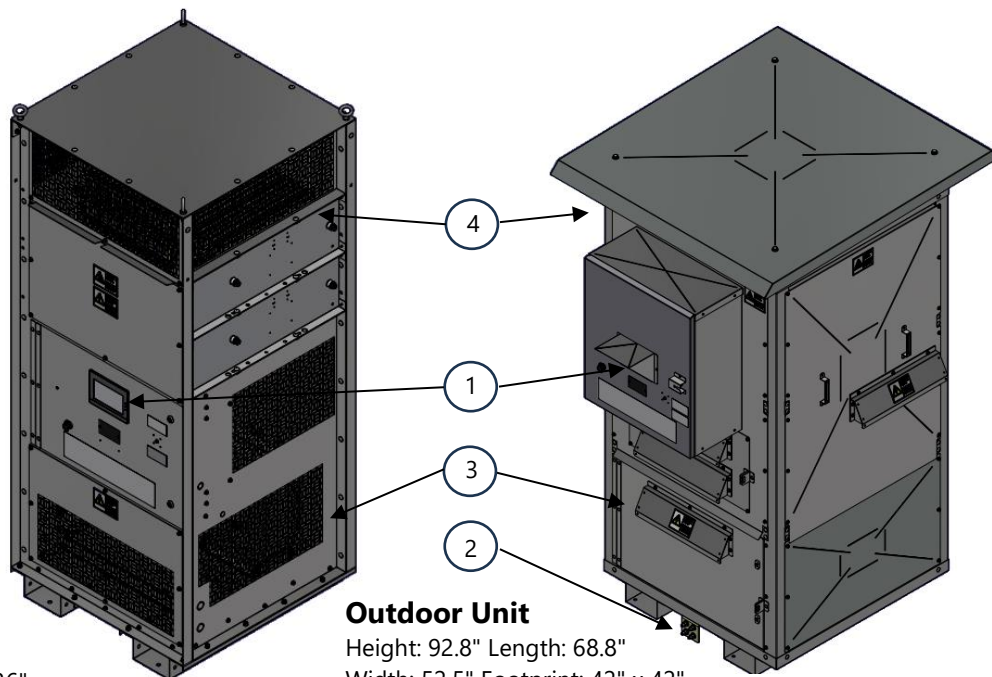
### Wye or Delta

Standard packages suitable for use with available neutral or for bus connection to Delta connected networks

# SmartPulse MV – Medium Voltage High Resistance Grounding

## Key Features and Components

- 1 - UL Type 4 Control Interface with Alarm and Indicating Lights
- 2 - Common Ground Pad
- 3 - Cooling Air Intake
- 4 - Cooling Air Outlet



### Indoor Unit

Height: 87.4" Length: 36"  
 Width: 36" Footprint: 36" x 36"  
 Approx. Weight: 861 lbs

### Outdoor Unit

Height: 92.8" Length: 68.8"  
 Width: 52.5" Footprint: 42" x 42"  
 Approx. Weight: 1217 lbs

<b>Quick-Quote Form</b>	System Voltage:	<input type="checkbox"/> 2400 V	<input type="checkbox"/> 4160 V	<input type="checkbox"/> Other. Specify: _____
	Current:	<input type="checkbox"/> 5 – 10 amps, continuous	<input type="checkbox"/> 5 – 12 amps, continuous	
	Frequency:	<input type="checkbox"/> 60 Hz	<input type="checkbox"/> 50 Hz	
	System connection:	<input type="checkbox"/> Wye	<input type="checkbox"/> Delta	
	Enclosure:	<input type="checkbox"/> Indoor (36"x36" footprint)	<input type="checkbox"/> Outdoor (42"x42" footprint)	
	Enclosure finish:	<input type="checkbox"/> Painted galvaneal steel, ANSI-61 Gray (standard)	<input type="checkbox"/> Stainless Steel, 304	<input type="checkbox"/> Stainless Steel, 316
		<input type="checkbox"/> Painted, other color (Specify color: _____ )		
	Communications:	RS-485/232 and Ethernet are both included in the standard offering		
Accessories:	<input type="checkbox"/> Control power transformer	<input type="checkbox"/> Anti-condensation heater		
Other requirements:	Kindly attach technical specification with request to detail specific requirements			