



Rapid Shutdown Solution - Datasheet PVG-1

Features:



CE

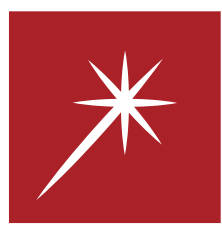


- Module level rapid shutdown
- Module level monitoring for commissioning, service diagnostics
- 1-minute PV data granularity for precise performance assessment
- Cellular, Wifi and Ethernet connectivity options
- Over temperature protection (auto-RSD function)
- PVRSS certified with multiple inverters and as independent system
- Zero cross-talk interference through patented signaling design
- Optional customized cable/connector harness
- Staubli MC4 standard connectors
- IV Curve Trace Test mode for efficient commissioning
- String voltage test tool available
- Rail or module frame mount (optional PV mounting clip available)
- Multiple US patents

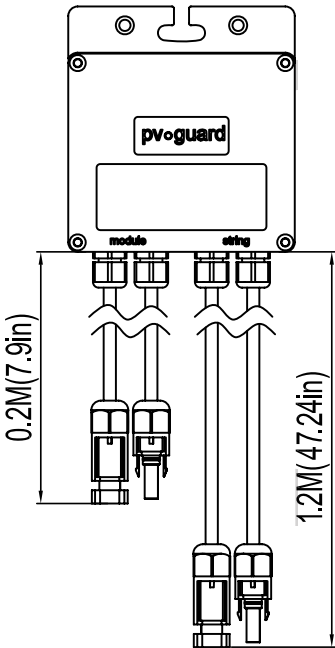


Easier and Lower Cost

Rapid Shutdown Beyond NEC Code for Safety, Service and Site Performance



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Input (DC)		PVG-1
Max DC Open Circuit Voltage per Input		90 Vdc
Max DC Current per input		15/20 Amp Models
Output (AC)		
Maximum Output Voltage		V _{OC(module)}
Maximum System Voltage		1500 Vdc
Mechanics		
PV Cable		12 AWG
PV Connectors		MC4 (Contact NEP for other connectors)
Size (not including PV cable)		5.12' x 4.73' x 1.14' (Version 1)
		3.78' x 4.73' x 0.93' (Version 2)
Protection Degree		NEMA 6
Operating Ambient Temperature		-40°C--85°C
Mounting Method		Rail, Frame (option)
Communications		DC Power Line Compatible with SunSpec
Certifications		
Product Safety Compliance		UL 1741, CSA C22.2 No. 107.1, NEC 690.12 2020, Canada CEC 2015 64-218