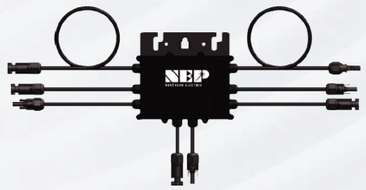
NORTHERN ELECTRIC

Rapid Shutdown

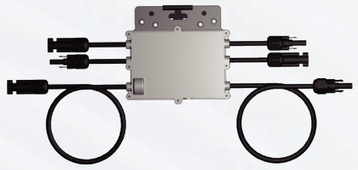
Easier and Lower Cost
Rapid Shutdown Beyond NEC Code
for Safety, Service and Site Performance

PVG-1 15A/20A

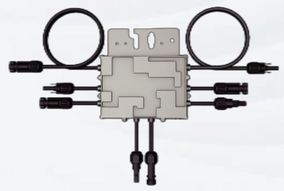
PVG-2 15A



PVG-3 15A



PVG-2 20A/25A



PVG-3 20A/25A

Features

- Metal case
- Module level rapid shutdown: dual (2) and triple (3) modules
- 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

Technical Data

Input/Output	PVG-1	PVG-2	PVG-3
Input:Max DC Open Circuit Voltage per Input	90Vdc		
Input:Max DC Current per Input	15A / 20A / 25A		
Output:Max Output Voltage	Voc(module)*1	Voc(module)*2	Voc(module)*3
System Voltage Maximum	1500Vdc		
Mechanical			
PV Cable	12 AWG / 12AWG / 10AWG		
PV Connectors*	MC4 Staubli		
Homerun Cable Length*	1.2m x 2	2.2m x 2	3.5m x 2
PV Cable Length*	0.2m	0.2m, 0.2m	2.5m, 2.5m, 0.4m
Protection Degree	NEMA 6		
Operating Ambient Temperature	-40℃ - +85℃		
Mounting Method	Rail via supplier MLPE hardware, PVFrame with optional NEP		
Certifications			
Certifications	PVRSS Intertek,UL1741,CSA C22.2 No.107.1,NEC		
RSD Data Signal			
RSD Data Signal	Two-way,PLC Communications between PVG's and Transmitter		

* Custom configurations available

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