Rapid Shutdown

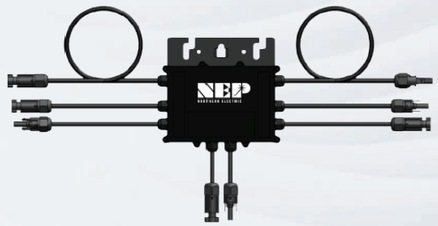
Easier and Lower Cost

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

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

PVG-2-L 15/20A



PVG-3-L 15/20A

Model PVG

PVG-Receiver Technical Data

Input/Output	PVG-2-L	PVG-3-L
Input:Max DC Open Circuit Voltage per Input	90Vdc	
Input:Max DC Current per Input	15A / 20A	
Output:Max Output Voltage	Voc(module)*2	Voc(module)*3
System Voltage Maximum	1500Vdc	
Mechanical		
PV Cable	12 AWG	
PV Connectors	MC4 Staubli(Custom configurations available)	
Size (PVGbody-15A)	146 x 130 x 25(mm)	176 x 168 x 25(mm)
Size (PVGbody-20A)	138 x 130 x 21(mm)	157 x 157 x 21(mm)
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	

PVG-Controller Technical Data

Input (AC)	PVG-C-D1
AC Input	100 – 277 Vac, 200mA, 50/60 H
Mechanics	
Size	3.46’ x 2.32’ x 1.46’(inches)
Interface	
Protection Degree	NEMA-1
Operating Ambient Temperature	-20℃ - +85℃
Mounting Method	Din Rail
Display	LED Light
Signal	
Communications	DC Power Line, Compatible with SunSpec
Certifications	
Communications	UL1741, CSA C22.2 No. 107.1, NEC 2014/2017 690.12, Canada CEC 2015 64-218
Controls	
Optional Controls	On-Grid / Off-Grid, Primary / Secondary, 5Vdc output for relay
Monitoring	
Optional Controls	Panel-by-Panel with BDG-256