



NEP PRODUCT PORTFOLIO

- ◆ MLPE Rising Star
- ◆ www.northernep.com

20
24

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



Technical Data

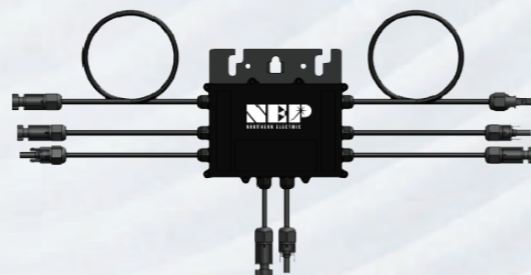
Input/Output	PVG-1-L	PVG-2-L	PVG-3-L
Input:Max DC Open Circuit Voltage per Input		90Vdc	
Input:Max DC Current per Input		15A / 20A	
Output:Max Output Voltage	Voc(module)*1	Voc(module)*2	Voc(module)*3
System Voltage Maximum		1500Vdc	
Mechanical			
PV Cable		12 AWG	
PV Connectors		MC4 Staubli(Custom configurations available)	
Size (PVGbody-15A)	120 x 110 x 19(mm)	146 x 130 x 25(mm)	176 x 168 x 25(mm)
Size (PVGbody-20A)	120 x 110 x 19(mm)	138 x 130 x 21(mm)	157 x 157 x 21(mm)
Protection Degree		NEMA 6	
Operating Ambient Temperature		-40 C - +85 C	
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	



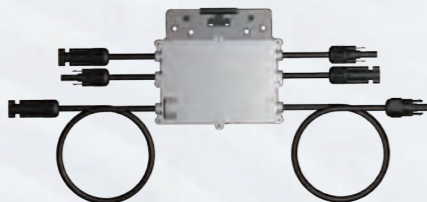
PVG-1-L 15A/20A



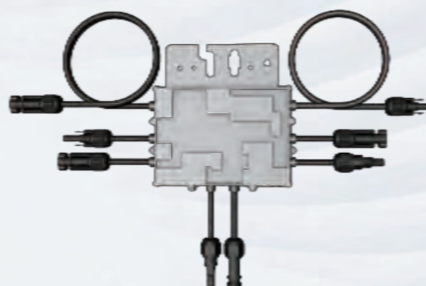
PVG-2-L 15A



PVG-3-L 15A



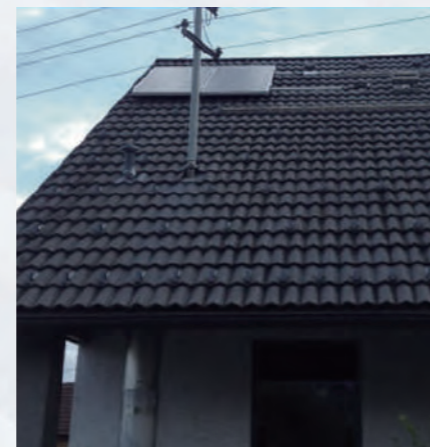
PVG-2-L 20A



PVG-3-L 20A

CASE SHARE

NEP Monitoring Platform NEPViewer



Web-based & mobile app monitoring
Data point plotted every 1 minute

