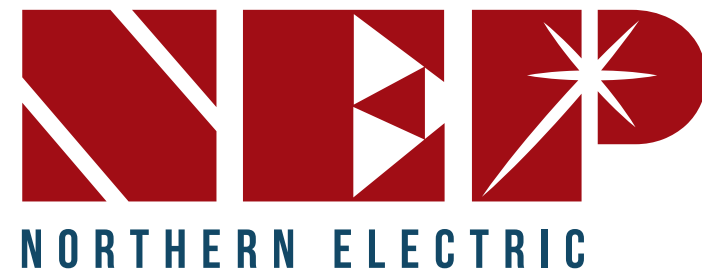
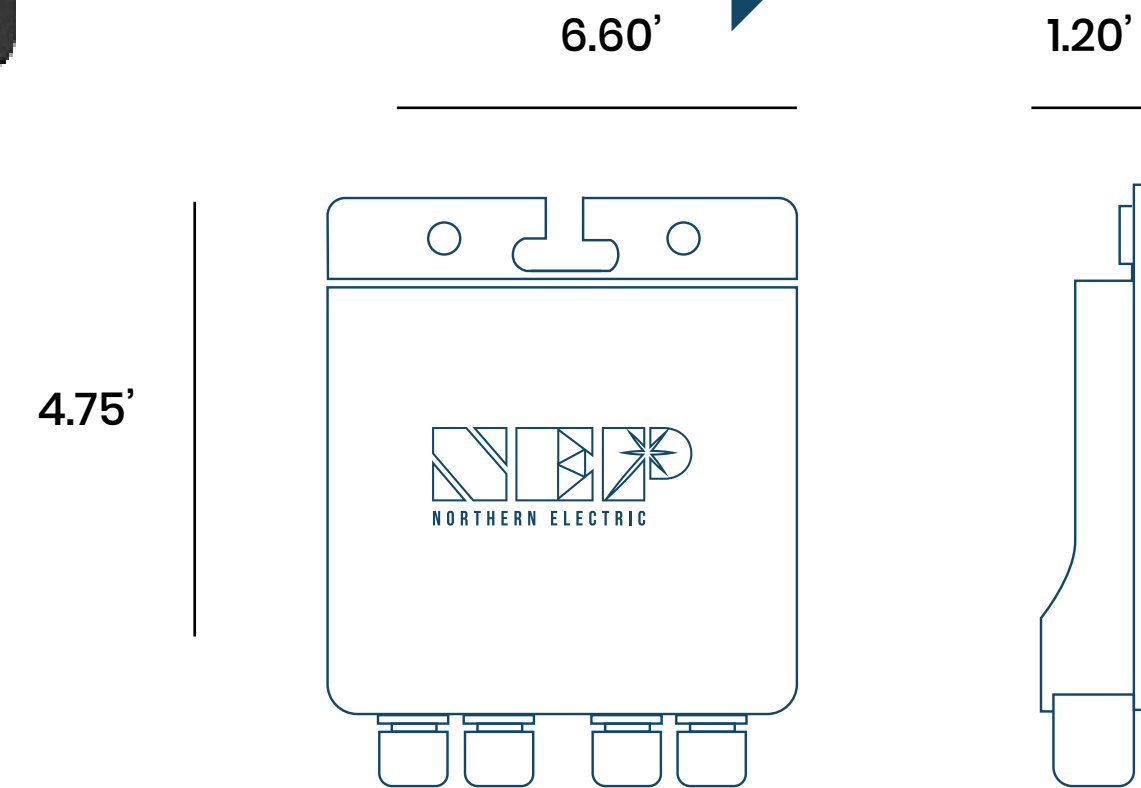
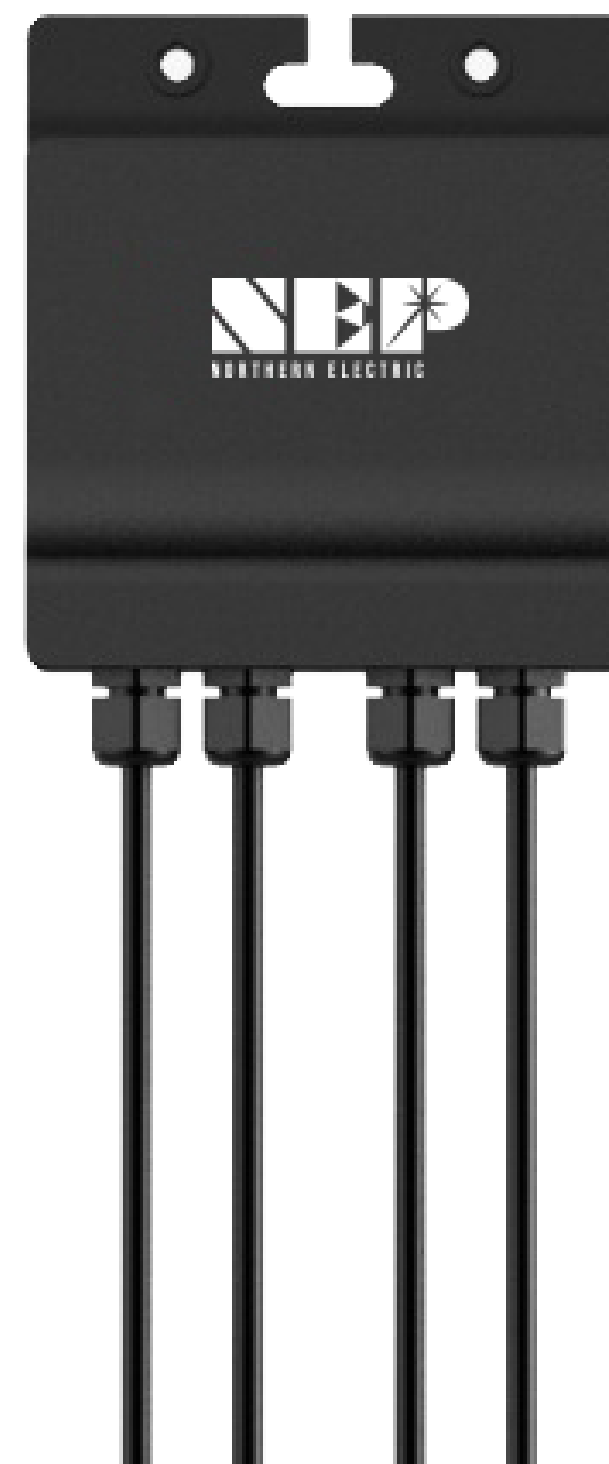


PV-Guard Module-Level Rapid Shutdown and Monitoring

northernep.com



PVG - 1



Features

- Shut-off the whole PV site BEFORE fire or smoke
- Compatible with SunSpec control signaling
- Commercial or residential use up to 90 Vdc
- Over temperature protection
- Module level shutdown and monitoring (option)



Important product date

- NEP is committed to developing Clean, Reliable, Convenient and Efficient (CARE) products for our customers worldwide.
- Our products have a 10-year warranty.
- NEC 2014/2017 690.12 (CEC 2015 64-218) Module-Level Rapid Shutdown

INPUT(DC)	Max DC Open Circuit Voltage per Input (Vdc)	90
	Max DC Current per input (A _{dc})	15
OUTPUT(DC)	Maximum Output Voltage (Vdc)	0 Voc * n (n=1)
SYSTEM	Maximum System Voltage (Vdc)	1500
MECHANICS	PV Cable	12AWG
	PV Connectors	MC4, MC4 compatible, Amphenol
	Size (not including PV cable)	6.60' x 4.75' x 1.20' (PVG-1)
	Protection Degree	NEMA 6
	Operating Ambient Temperature	-40°C-- +85°C
SIGNAL	Communications	DC Power Line Compatible with SunSpec signaling
CERTIFICATION	Product Safety Compliance	UL 1741 CSA C22.2 No. 107.1 NEC 2014/2017 690.12 Canada CEC 2015 64-218