

PV-Guard Controller / Transmitter Kit For OEM Inverter Integration



northernep.com



Features



- Complete kit for inverter integration
- Supports SunSpec RSD communication
- Also supports module level data reporting
- Module level monitoring for service/maintenance from remote
- Supports IV curve test
- Over temperature protection
- ETL certified for PVRSS with multiple inverters



USB port for data flow to web logger



12Vdc input power



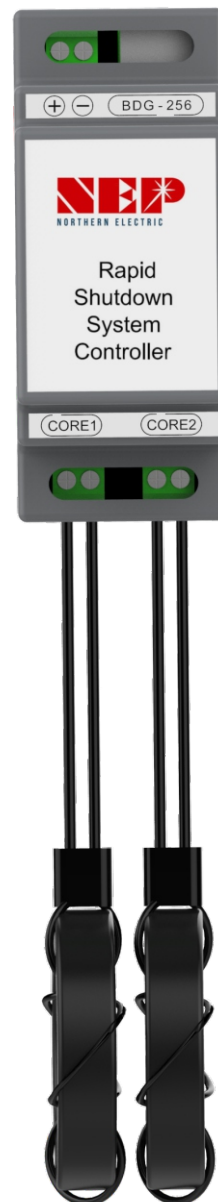
Residential and Commercial
inverter applications



UL1741 Certified
NEC-2020 Ready NEP RSD Receiver solutions

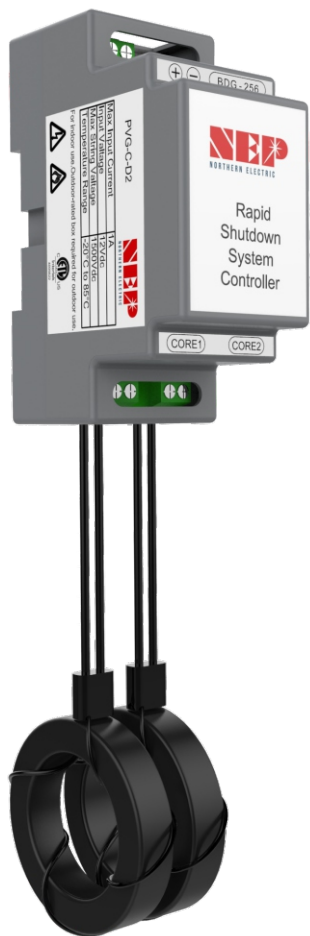


Multiple U.S. patents pending



Kit: Controller/Transmitter + 2 Cores





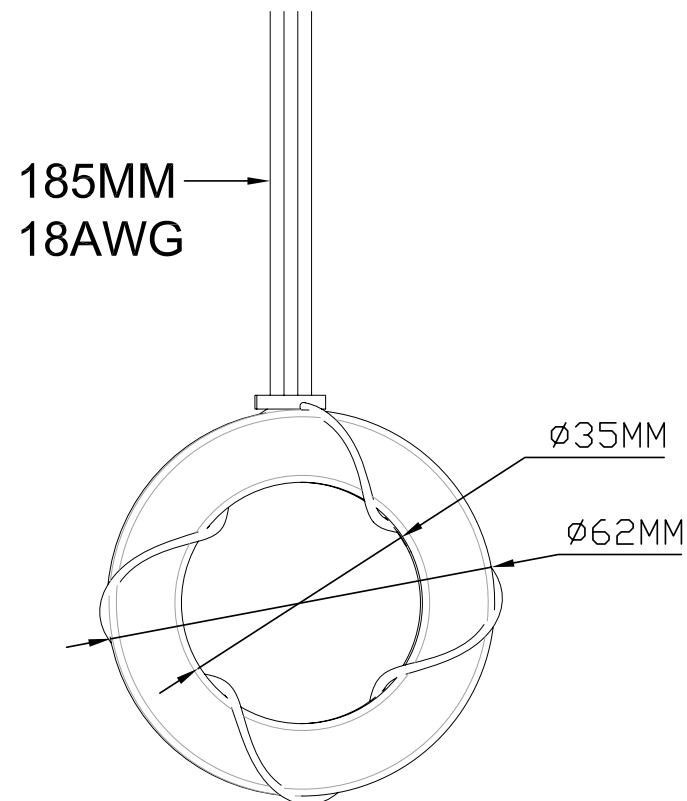
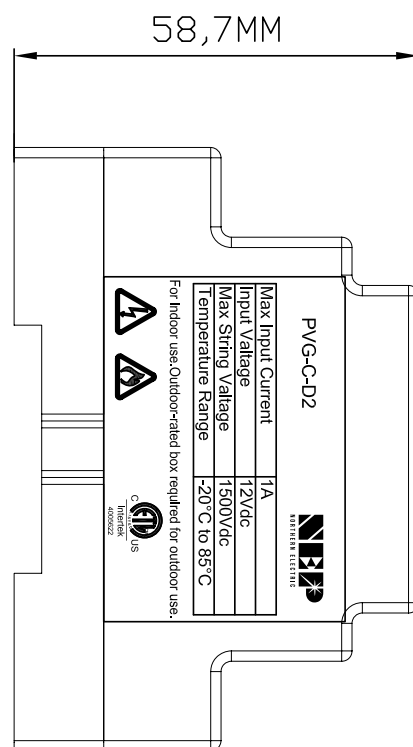
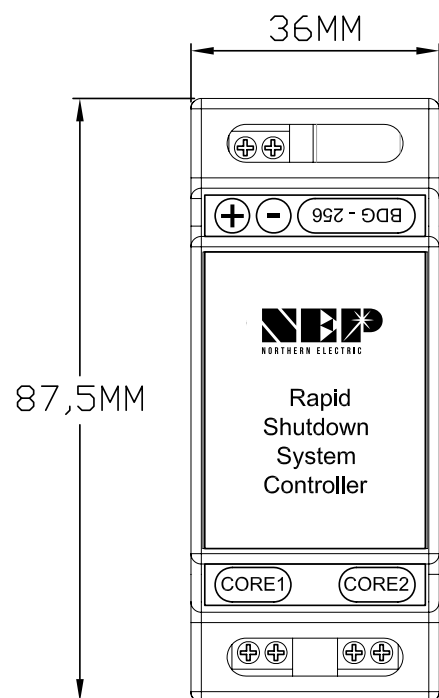
INPUT(DC)	DC Input	12 Vdc, 0.5 Adc
SYSTEM	Maximum Output Voltage (Vdc)	1500
MECHANICS	Size	3.43' x 1.42' x 2.32'
	Protection Degree	NEMA-1
	Operating Ambient Temperature	-20C----- + 85C
	Mounting Method	Din Rail
SIGNAL	Communications	DC Power Line Compatible with SunSpec
CERTIFICATION	Product Safety Compliance	UL 1741 CSA C22.2 No. 107.1 NEC 2014/2017 690.12 Canada CEC 2015 64-218
MONITORING	Optional Monitoring	Panel-by-Panel with BDG-256

NEP Technology Inc.
San José, California

888-598-9901
www.northernep.com

PVG-Controller Datasheet
December, 2020

Controller/Transmitter kit



Controller/Transmitter kit

