northernep.com

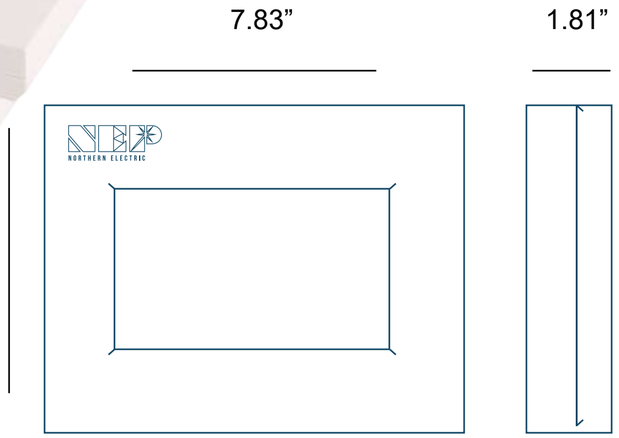
NORTHERN ELECTRIC

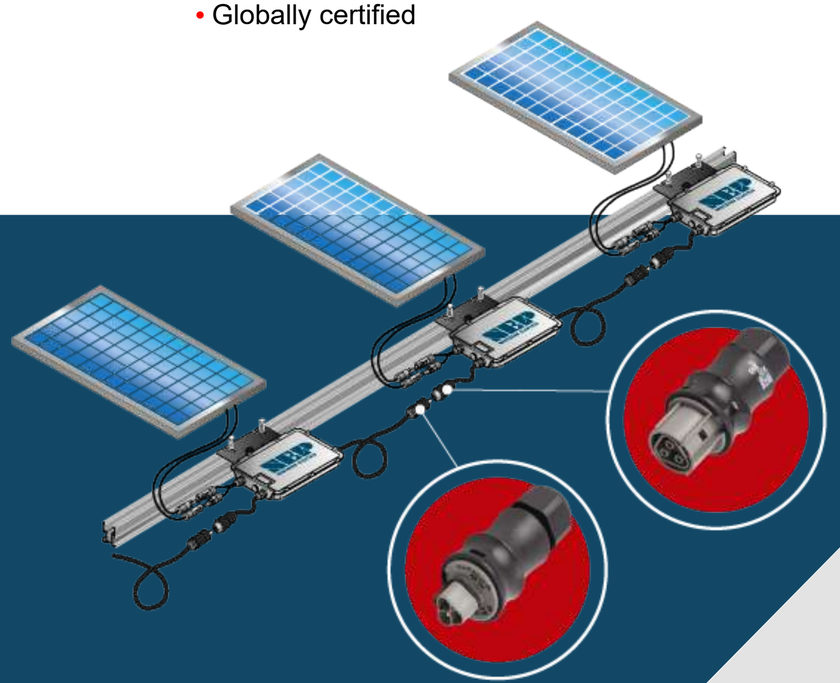
GATEWAY BDG-256P3



Features

- Touch screen for user friendly interface
- BDG-256P3 monitors a 3-phase system without phase coupler (for BDM micro inverters)
- Web portal interface for configuring BDM micro inverters
- Interface with PVG-C or PVG-C-D1 for connecting with NEP RSD (PVG)
- Support MICROVIEWER local monitoring without internet service
- Support NEPVIEWER remote monitorin from anywhere at any time on any smart devices
- Touch screen provides instant readings on each individual inverters for trouble shooting
- Support USB interfaced bar code scanners for quick installation
- Support dual voltage (100-240 Vac and dual frequency (50/60 Hz)
- Support Wi-Fi and mobile data networks (3G/4G)
- Eligible performance meter on the California CEC list
- Globally certified





Intertek 4005622

SAA 130307

N 136

NEMA National Electrical Manufacturers Association

Important product information

- NEP is committed to developing Clean, Affordable, Reliable and Efficient (CARE) products for our customers worldwide.
- NEP microinverters have an isolation transformer and basic isolation between the DC input and the AC output network.

NORTHERN ELECTRIC

GATEWAY
BDG-256P3



COMMUNICATIONS INTERFACE

Communication with Micro Inverter	AC Power Line Communication
Communication with RSD	DC Power Line Communication
Ethernet	10/100 auto-sensing, auto-negotiation
USB	USB 2.0 interface, auto-sensing, auto-negotiation
Monitoring capacity	255 micro inverters or RSD

HUMAN INTERFACE

Display	7-in LCD touch screen

POWER REQUIREMENTS

AC inlet	Three-phase 208Vac, 380Vac, 50/60 Hz
Power consumption	8 watts maximum

MECHANICAL DATA

Dimensions (W x H x D)	7.83” x 6.34” x 1.81” (199 mm x 161 mm x 46 mm)
Weight	5.29 oz (150g)
Ambient temperature range	-40˚C to +55˚C (-40˚ to 131˚F) -40˚C to +49˚C (-40˚ to 120˚F) if installed in an enclosure
Cooling	Natural convection - no fans
Ennvironmental rating	IP30. For installation indoors or in an NRTL-certified, NEMA type 3R enclosure.

FEATURES

Standard warranty term	1 Year
Compliance	UL 60950-1 2 nd Edition Rev Dec 19, 2011 CSA C22.2 2 nd Edition Rev Dec 19, 2011 FCC Part 15 Class B AS/NZS 60950.1:2011 Inc A1 AS/NZS CISPR 22: 2009+A1:2010 EN 60950-1:2006+A11:2009+A1:2010 +A12:2011 EN 55022:2010 EN 61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2008 EN 55024:2010 EMC Directive 2004/108/EC