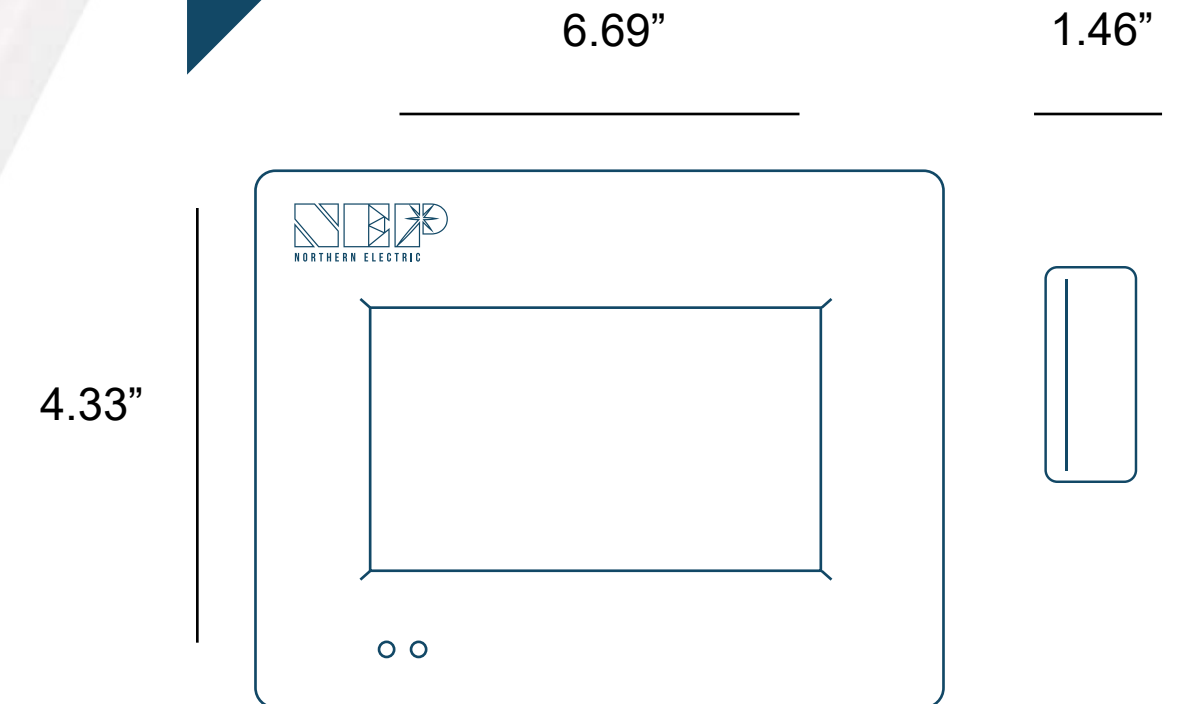




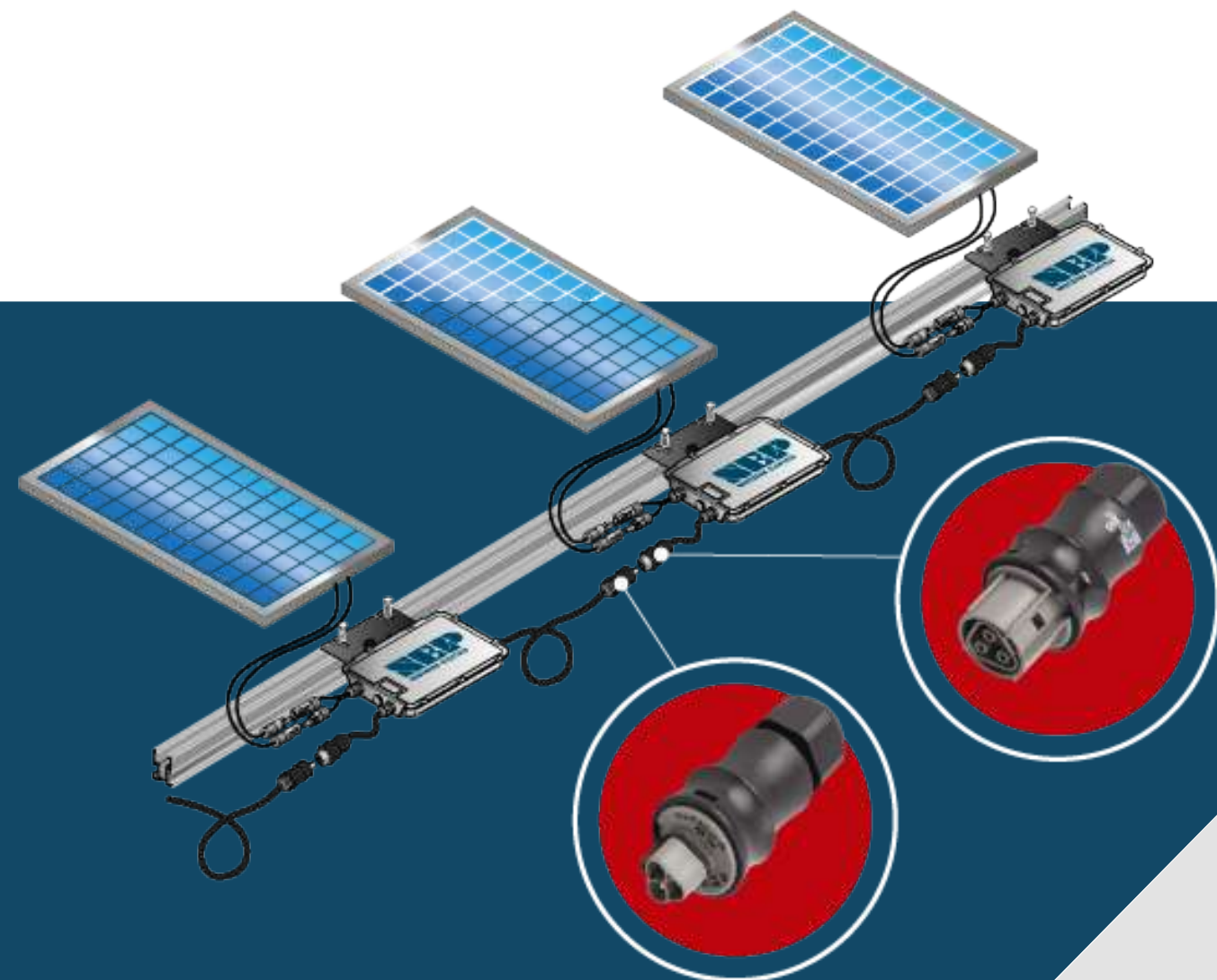
# GATEWAY BDG-256

northernep.com



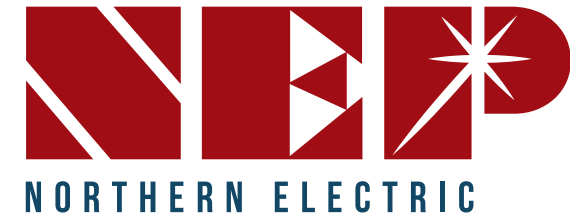
## Features

- Touch screen for user friendly interface
- Web portal interface for configuring BDM micro inverters
- Support MICROVIEWER local monitoring without internet service
- Support NEPVIEWER remote monitoring 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 codescanners for quick installation
- Support dual voltage (110/230 Vac) and dual frequency (50/60 Hz)
- Globally certified



## 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.



# GATEWAY BDG-256



## COMMUNICATIONS INTERFACE

Communication with Micro Inverter	Power Line Communication
Ethernet	10/100 auto-sensing, auto-negotiation
USB	USB 2.0 interface, auto-sensing, auto-negotiation
Wi-Fi	Support (accessory required)
Monitoring capacity	255 micro inverters (depending on interference on power grid)

## HUMAN INTERFACE

Display	LCD touch screen
---------	------------------

## POWER REQUIREMENTS

AC inlet	100- 240 Vac, 50/60 Hz, 60mA
Power consumption	3.5 watts maximum

## MECHANICAL DATA

Dimensions (W x H x D)	6.69" x 4.33" x 1.46" (170mm x 110 mm x 37 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
Environmental rating	IP30. For installation indoors or in an NRTL-certified, NEMA type 3R enclosure.

## FEATURES

Standard warranty term	1 Year
Compliance	<ul style="list-style-type: none"> <li>UL 60950-1 2<sup>nd</sup> Edition Rev Dec 19, 2011</li> <li>CSA C22.2 2<sup>nd</sup> Edition Rev Dec 19, 2011</li> <li>FCC Part 15 Class B</li> <li>AS/NZS 60950.1:2011 Inc A1</li> <li>AS/NZS CISPR 22: 2009+A1:2010</li> <li>EN 60950-1:2006+A11:2009+A1:2010</li> <li>+A12:2011 EN 55022:201</li> <li>EN 61000-3-2:2006+A1:2009+A2:2009</li> <li>EN 61000-3-3:2008</li> <li>EN 55024:2010</li> <li>EMC Directive 2004/108/EC</li> </ul>