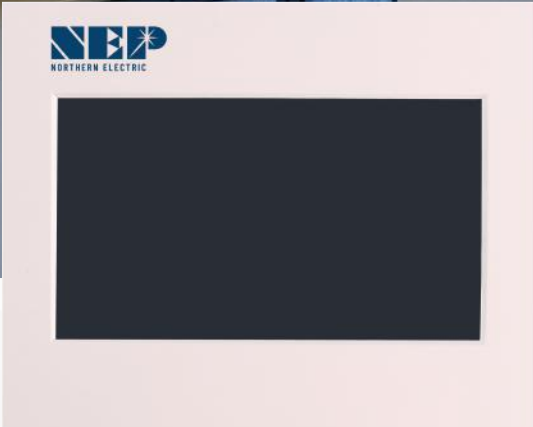


NORTHERN ELECTRIC

BDG-256

NEP Monitoring Gateway



Features

Convenient

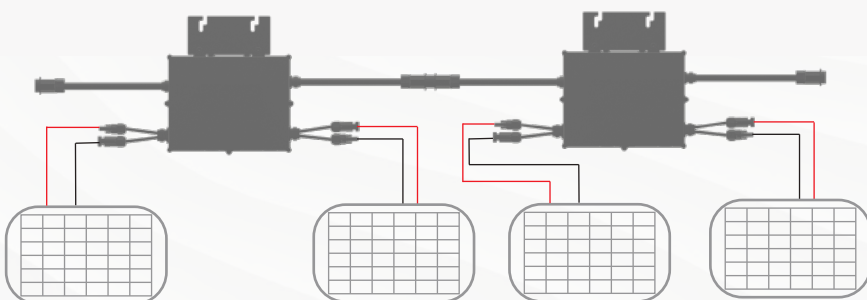
- Wifi, Ethernet, or Cell
- Easy to Configure Web Portal
- Touch Screen for Easy Configuration and Troubleshooting
- Supports Dual Voltage (110/230) and Dual Frequency (50/60 Hz)

Safe and Reliable

- Supports Local Monitoring Without Internet

Globally Certified

- UL 60950-1 2nd Edition, CSA C22.2 2nd Edition, 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



More Effective

3.5W Maximum



Global Certification

UL 60950-1 2nd Edition
CSA C22.2 2nd Edition
FCC Part 15 Class B



More Reliability

IP30

Model

BDG-256

Communications Interface		BDG-256
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	
Monitoring Capacity	255 Devices (depending on power grid interference)	
Human Interface		BDG-256
Display	LCD Touch Screen	
Power Requirements		BDG-256
AC Inlet	100-240 Vac, 50/60Hz, 60mA	
Power Consumption	3.5 watts maximum	
Mechanical Data		BDG-256
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		BDG-256
Standard Warranty Term	1 Year	
Compliance	UL 60950-1 2nd Edition Rev Dec 19, 2011 CSA C22.2 2nd 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 55022:201 EN 61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2008 EN 55024:2010 EMC Directive 2004/108/EC	