

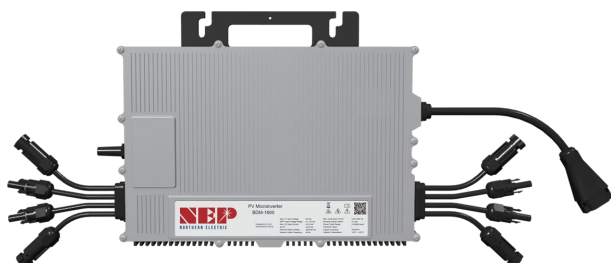
PRODUCT DATASHEET



BDM-2000T-208/BDM-2000T-480 MICROINVERTER

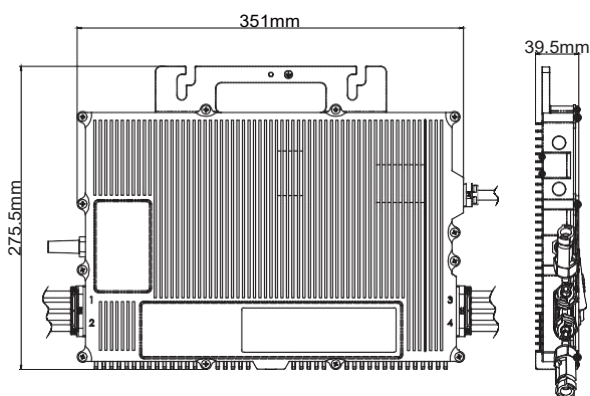
CEC Listing as Utility Interactive Grid Support Inverter

(NC0200, NC0199, NC0171)



STANDARD DIMENSIONS

(mm)



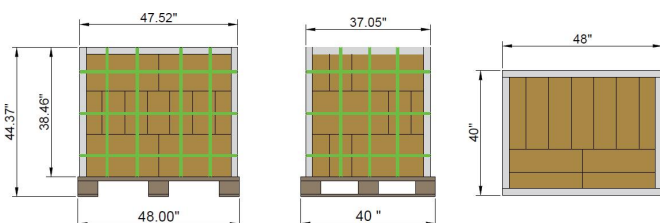
Weight: 6 kg

SPECIFICATIONS

Model	BDM-2000T-208	BDM-2000T-480
Input (DC)		
Recommended Max PV Power:	400 to 670W	400 to 670W
Max DC Open Circuit Voltage:	65 Vdc	
Max DC Input Current:	20 A x 4	20 A x 4
MPPT Tracking Accuracy:	> 99.8%	
MPPT Tracking Range:	18 – 60 Vdc	
ISC PV (Absolute Maximum):	25 A x 4	
Maximum Backfeed Current to Array:	0 A	0 A 0 A
Output (AC)		
Peak AC Output Power:	2250 W	2250W
Max Continuous Output Power(3φ):	2000 W	2000W
Nominal Power Grid Voltage:	208 Vac	480Vac
Allowable Power Grid Voltage:	183-228 Vac,3φ	422-528 Vac,3φ
Rated Output Current:	6.3 A	2.7A
Allowable Power Grid Frequency:	55 - 65 Hz	
THD:	< 3% (at rated power)	
Power Factor:	>0.99 default 0.8leading~0.8lagging	
Nominal Frequency:	60 Hz	
System Efficiency		
Weighted Average Efficiency (CEC):	96.5%	
Nighttime Tare Loss:	0.2 W	
Protection Function		
Over/Under Voltage Protection:	Yes	
Over/Under Frequency Protection:	Yes	
Anti-Islanding Protection:	Yes	
Over Current Protection:	Yes	
Reverse DC Polarity Protection:	Yes	
Overload Protection:	Yes	
Protection Degree:	NEMA-6 / IP-66 / IP-67	
Ambient Temperature:	-40°F to +149°F (-40°C to +65°C)	
Operating Temperature:	-40°F to +185°F (-40°C to +85°C)	
Display:	LED Light	
Communications:	Power line Communications / WiFi	
Environment Category:	Indoor and outdoor	
Wet Location:	Suitable	
Pollution Degree:	PD 3	
Over Voltage Category:	II(PV), III (AC MAINS)	

Certifications

UL 1741SB, IEEE1547, HECO-SRD; EN62109; IEC61000; INMETRO



Per box: 3 pcs
Boxes per layer: 11
Layers: 3

Pallet Qty: 99 pcs
Pallet weight: 600 kg

All NEC required adjustment factors have been considered for AC outputs. AC current outputs will not exceed stated values for Rated output AC Current.

COMPLIANCE

- NEC 2023 Section 690.11 DC Arc-Fault Circuit Protection
- NEC 2023 Section 690.12 Rapid Shutdown of PV Systems on Buildings
- NEC 2023 Section 690.33 Mating Connectors
- NEC 2023 Section 705.12 Point of Connection (AC Arc-Fault Protection)