



Features

- efficiency

  - MPPT tracking efficiency up to 99.9%
  - CEC weighted average efficiency up tp 96.5%
- security

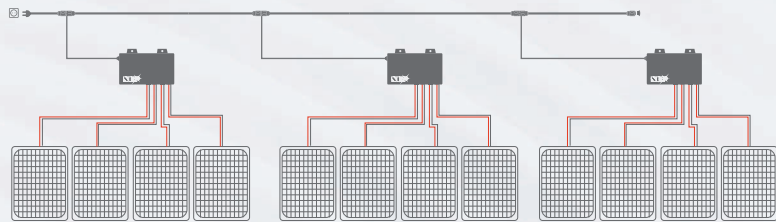
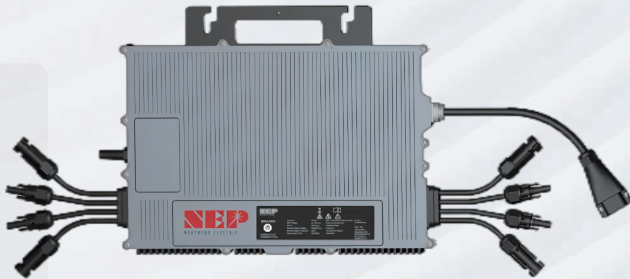
  - maximum DC input voltage is 60V
  - equipped with various protections such as GFDI, surge protection
- reliability

  - IP67 protection level
  - 12 years warranty with 25 years extension.
  - 40℃ to 65℃ operating temperature
- flexibility

  - plug and play installation
  - easy to expand or change
  - simple and convenient
- certification

  - UTE, INMETRO, CE and others
- Intelligence

  - Panel level monitoring with built-in WiFicommunication methods
  - real-time control of power plant operation status
  - automatic high temperature and fault warning
  - accurate to every minute of data
  - precise positioning pf fault points



- More effective

Max. Efficiency 97.1%
- Global Certification

UTE, INMETRO, CE
- More secure

Built-in GFDI  
Lightning protection 6000V
- More Reliability

IP67

Model

BDM-2000

Input   DC	BDM-2000
Recommended PV Module Power Range /W	750 x 4
MPPT Voltage Range /Vdc	22-55
Startup Voltage /Vdc	24
Max. Input Voltage /Vdc	60
Max. Input Current /A	18 x 4
Overvoltage Protection Category	II
Output   AC	
Peak Output Power /VA	2000
Max. Continous Output Power /VA	2000
Rated Output Voltage /Vac	230
Nominal Output Voltage Range /Vac	Configurable
Max. Continous Output Current /A	8.69
Nominal Frequency / Range /Hz	50 / Configurable
Power Factor (Nominal/Adjustable Range)	>0.99(full load)
AC Short Circuit Fault Current Over 3 cycles /Arms	15.3
THDi@Rated Power	<5%
Max. Units per 20A Branch	2
Overvoltage Protection Category	III
Efficiency	
Peak Efficiency	97.3%
MPPT Efficiency	>99.5%
Night Power Consumption /mW	110
General Data	
Operating Ambient Temperature Range /℃	-40~65
Relative Humidity Range	0-100%
Dimensions (W x H x D) /mm	351 x 275.5 x 39.5
Weight /kg	6.0
DC Connector Type	QC4
AC Connection Type (inverter-inverter)	Trunk Cable
Communication Method	PLC or WiFi(2.4G)
Protection Class	IP66/IP67

1 The AC voltage range may vary depending on specific country grid  
2 The AC frequency range may vary depending on specific country grid