

BDM-300/400/600X/800

Micro Inverter

BUILT-IN WIFI INSTANT PV

Balcony Solution

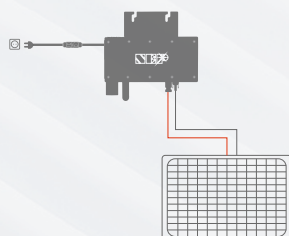
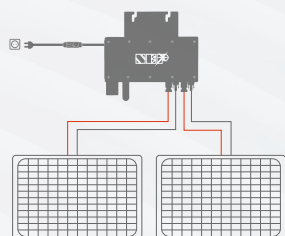
Features

Instant enjoy

- Built-in WIFI module
- Plug-and-Play connection, flexible installation position
- Designed for DIY, without electricians, without approval
- Customized Output Socket, OCD friendly
- NEPViewer provides an appropriate amount of monitoring information

Robust, reliable, and Durable

- IP67 isolation
- Top-tier components
- Ten years standard warranty and extendable up to 25 years
- Secondary Landing, double secure
- Low voltage PV system



BDM-300/400



BDM-600X



BDM-800

Model

BDM-300/400/600X/800

Input DC	BDM-300	BDM-400	BDM-600X	BDM-800
Recommended PV Module Power Range /W	450	600	450 x 2	600 x 2
MPPT Voltage Range /V	22-55			
Startup Voltage /V	24			
Max. Input Voltage /V	60			
Max. Input Current /A	14		18 x 2	17 x 2
Overvoltage Protection Category	II			
Output AC				
Peak Output Power /VA	350	400	650	800
Max. Continuous Output Power /VA	300	350	600	750
Rated Output Voltage /V	230			
Nominal Output Voltage Range /V	207 ~ 253			
Max. Continuous Output Current /A	1.3	1.52	2.61	3.26
Nominal Frequency / Range /Hz	50 / Configurable			
Power Factor (Nominal/Adjustable Range)	1.0/0.8 leading...0.8 lagging			
AC Short Circuit Fault Current Over 3 cycles /Arms	2.2	2.4	4.4	8.2
THDi@Rated Power	<3%			
Overvoltage Protection Category	III			
Efficiency				
Peak Efficiency	97.1%	97.3%	97.1%	97.3%
MPPT Efficiency	>99.5%			
Night Power Consumption /mW	80		110	
General Data				
Operating Ambient Temperature Range /°C	-40~65			
Relative Humidity Range	0-100%			
Dimensions (W x H x D) /mm	180 x 186 x 25		227 x 132 x 50	268 x 250 x 42
Weight /kg	1.5		2.9	
DC Connector Type	MC4			
AC Connection Type	Plugin AC Connector			
AC Cable Length /m	5 (10, 15, 25 optional)			
Communication Method	WiFi			
Protection Class	NEMA-6 / IP-66 / IP-67			