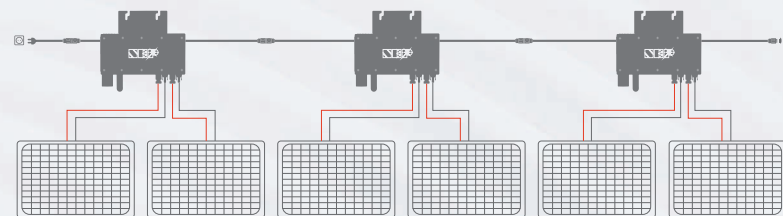# BDM-600X
Micro Inverter

Features

efficiency
◉ MTTP tracking efficiency up to 99.5%
◉ 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
◉ EMC, RED, ROHS, CEI, VDE, CE and others

Intelligence
◉ component level monitoring with built-in WiFi or PLC communication
◉ 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 | EMC, RED, ROHS, CEI, VDE, CE

More secure | Built-in GFDI / Lightning protection 6000V

More Reliability | IP67

Model BDM-600X

Input	DC	BDM-600X
Recommended PV Module Power Range /W	450 x 2
MPPT Voltage Range /V	22-55
Startup Voltage /V	24
Max. Input Voltage /V	60
Max. Input Current /A	14 x 2
Overvoltage Protection Category	II
**Output	AC**	
Peak Output Power /VA	650
Max. Continous Output Power /VA	600
Rated Output Voltage /V	230
Nominal Output Voltage Range /V	Configurable
Max. Continous Output Current /A	2.61
Nominal Frequency / Range /Hz	50 / Configurable
Power Factor (Nominal/Adjustable Range)	>0.99(full load)
AC Short Circuit Fault Current Over 3 cycles /Arms	4.4
THDi@Rated Power	<5%
Max. Units per 20A Branch	6
Overvoltage Protection Category	III
Efficiency	
Peak Efficiency	97.1%
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	277 x 132 x 50
Weight /kg	3.3
DC Connector Type	QC4
AC Connection Type (inverter-inverter)	Daisy Chain AC Bus
Communication Method	PLC or WiFi(2.4G)
Protection Class	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