

Model

BDM-500/600/600X

Input DC	BDM-500	BDM-600	BDM-600X
Recommended PV Module Power Range /W	375 x 2	450 x 2	
MPPT Voltage Range /V	22-55		
Startup Voltage /V	24		
Max. Input Voltage /V	60		
Max. Input Current /A	12.5 x 2	18 x 2	
Oversoltage Protection Category	II		
Output AC			
Peak Output Power /VA	550	600	650
Max. Continuous Output Power /VA	500	580	600
Rated Output Voltage /V	230		
Nominal Output Voltage Range /V	Configurable		
Max. Continuous Output Current /A	2.17	2.52	2.61
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	4.4		
THDi@Rated Power	<3%		
Max. Units per 20A Branch	7	6	
Oversoltage Protection Category	III		
Efficiency			
Peak Efficiency	97.1%		
MPPT Efficiency	>99.5%		
Night Power Consumption /mW	110		
General Data			
Operating Ambient Temperature Range /°C	-40-65		
Relative Humidity Range	0-100%		
Dimensions (W x H x D) /MM	227 x 132 x 50		
Weight /kg	2.9		
DC Connector Type	MC4		
AC Connection Type (inverter-inverter)	Daisy Chain AC Bus		
Communication Method	PLC or WiFi		
Protection Class	IP-67		

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