

# Microinverter

WVC 600 /WVC700 /WVC 800



## Product Features

- Rapid shutdoWn function
- IP67 protection degree, 10 years Warranty
- Wifi communication
- 1 MPPT trackers, module level monitoring

### Technical Data

Model	WVC600	WVC700	WVC800
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### Input Data (DC)

Recommended Module Power (Wp)	Max 375 (2 Pieces)	Max 435 (2 Pieces)	Max 500 (2 Pieces)
Max. Input DC Voltage (V)		60	
Peak Power MPPT Voltage Range (V)		30~60	
Operating Voltage Range (V)		22~60	
Max. Input Short Circuit Current (A)	16x2	18x2	20x2
Max. Input Current (A)	14x2	16x2	18x2

### Output Data (AC)

Rated Output Power (VA)	600	1400	1200
Rated Output Current (A)	@120V 5A @230V 2.6A	@120V 5.9A @230V 3.1A	@120V 6.6A @230V 3.5A
Nominal Output Voltag/ Range (V)		@120V 86-160VAC @230V 180-265VAC	
Nominal Frequency (Hz)		@120V 45-51/58-61 @230V 45-51/58-61	
Output Current Harmonic Distortion		<3%	
Power Factor		>0.99 default 0.8 leading... 0.8 lagging	
Max. Units per Branch	@120V 6pcs @230V 12pcs	@120V 6pcs @230V 12pcs	@120V 6pcs @230V 12pcs

### Efficiency

CEC Weighted Efficiency	92.70%
Peak Inverter Efficiency	92.70%
Nominal MPPT Efficiency	99.8%
Night Time Power Consumption (mW)	<50

### Mechanical Data

Ambient Temperature Range (°C)	-20~50
Size (mm)	200Wx41.6Hx283L (Without mounting bracket and cable)
Weight (kg)	1.46
Cooling	Natural cooling
Enclosure Environmental Rating	IP67

### Features

Power Delivery Mode	Reverse Transmission, load priority
Communication	Wifi and bluetooth dual model communication
Compliance	CE, CEC, ETL, INMETRO IEC/EN 62109-1, IEC/EN 62109-2, IEC 62116, IEEE 1547, EN50549-1, EN 50549-2, NBR 16149:2013, UL1741, EN61000-6-1:2007, EN61000-6-3:2007+A1:2011+AC:2012
Warranty	10 years