



# HS-800 W MICROINVERTER



EN 50549-1:2019, EN 50549-2:2019 | EN 61000-6-1:2007, EN 61000-6-3:2007 + A1:2011 + AC2012 IEC | EN 62109-1:2010, IEC/EN 62109-2:2011

## EFFICIENCY, SECURITY AND PROTECTION

Highest microinverter efficiency	92.70%
CEC weighted efficiency	92.50%
Nominal MPPT efficiency	99.80%
Night power consumption (mW)	0

## MECHANICAL DATA

Ambient temperature range	-20 to +50 °C   -4 to 122 °F
Storage temperature range	-20 to +50 °C   -4 to 122 °F
Dimensions (length x width x height)	283x200x41.6mm   11.1x7.9x1.6 in
Weight	1.46 kg   3.22 lbs
Waterproof level	Outdoor Nema 3r (ip65)
Cooling method	Natural convection (no fans)
Degree of pollution	PD3

## SPECIAL FEATURES

Power mode	Reverse gear, load priority
Communication method	Wi-Fi
Surveillance system	Cloud Intelligence
Guarantee	5 years
Electrical standard	Cloud Intelligence

## DC INPUT

Model	WVC-600	WVC-700	WVC-800
Maximum input power	Max 2x375W	Max 2x435W	Max 2x500W
MPPT voltage range (module open circuit voltage)	30-60V		
starting voltage	22V d.c.		
Working voltage range	22-60V d.c.		
Input voltage	60V		
Input current	2x14A	2x16A	2x18A
Maximum input short circuit current	2x16A	2x18A	2x20A
Maximum array feedback current	0A		

## AC-OUTPUT

Model	WVC-600	WVC-700	WVC-800
Maximum Performance	600VA	700VA	800VA
Rated output current	120V 5A 230V 2.6A	120V 5.9A 230V 3.1A	120V 6.6A 230V 3.5A
Nominal output voltage range	120V AC (Anwendungsbereich: wie Japan, Nordamerika) 230V a.c. (Anwendungsbereich: wie Europa)		
Nominal frequency range	50Hz/60Hz		
Power factor	>0.99 default   0.95 leading...0.95 lagging		
Output current harmonic distortion	<3%		
Maximum unit per store	120V 6PCs   @230V 12PCs		

## PACKAGE

Specification	Single (packaging)	FCL (5 units)
Standard 3m AC power cord	2.3kg   345x240x100mm 5 lbs   13.6x9.4x3.9 in	12.3kg   450x400x260mm 27.1 lbs   17.7x15.7x10.2 in
Standard 5m AC power cord	2.6kg   345x240x100mm 5.7 lbs   13.6x9.4x3.9 in	13.8kg   450x400x260mm 30.4 lbs   17.7x15.7x10.2 in