Model	PVMI-700	PVMI-800	PVMI-1000
On-Grid parameters			
Max solar panel input power	2×435W	2×500W	2×625W
Rated output power	700W	800W	1000W
Rated output current	3A	3.5A	4.35A
Starting Voltage	>22V d.c.		
MPPT operating voltage range	16-60V		
Nominal output voltage	230V a.c (184~264VAC)		
Maximum output efficiency	97.5%		
CEC peak efficiency	98.5%		
Nominal output frequency	50Hz/47.5~51.5Hz 60Hz/57.5~61.5Hz		
Total harmonic distortion	<3%		
Off-Grid parameters			
Max input power	700W	800W	1000W
Maximum DC input current	30.5A	35A	43.5A
Rated output power	700W	800W	1000W
Rated output current	3A	3.5A	4.35A
Operating voltage range	24-60V d.c		
Inverter starting voltage	>24V d.c.		
Nominal output voltage	230V a.c (184~264VAC)		
Maximum output efficiency	97.5%		
CEC peak efficiency	98.5%		
Nominal output frequency	50Hz/47.5~51.5Hz 60Hz/57.5~61.5Hz		
Total harmonic distortion	<5%		

PV charging parameters	
PV maximum charging current	30A
PV charging input voltage range	16~60V d.c
PV charging output voltage range	16~60V d.c
Maximum tracking efficiency	99.5%
CEC Peak Efficiency	99.0%
Solar Charging SOC	Learning intelligent algorithm

AC reverse charging parameters	
Maximum charging current	4.35A
Rated AC charging power	1000W
AC charging voltage	230V a.c
AC charging with maximum efficiency	97.5%
AC charging frequency/range	50/60Hz
AC charging SOC	Learning intelligent algorithm

Mechanical data	
Ambient temperature range	-40~+65℃
Enclosure protection grade	Ip67
Size	230*200*42mm
Communication Mode	Wi-Fi
Monitoring system	Smart Life
General function control	ON/OFF, output power adjustment 0~100%
Output power factor	>0.99 default/0.8 leading … 0.8 lagging
Isolation Type	Full isolation