

# WHMC Inverter With Solar Charge Controller

WHMC-300W, 500W, 600W



USA AUSTRALIA UNIVERSAL Europe+USA/Japan UK SOUTH AFRICA FRANCE GERMANY

## Technical Parameters

Model	WHMC-300	WHMC-500	WHMC-600
Rated power	300W	500W	600W
Peak power	600W	1000W	1200W
Input voltage	DC12V		
Output voltage	110VAC or 220VAC±5%		
Unload current less than	0.3A		
Output frequency	50Hz±0.2Hz or 60Hz±0.2Hz		
Output waveform	Modified Sine Wave		
USB port	5V 1A		
Max. efficiency	90%		
Input voltage range	10-15.5V		
Low voltage alarm	10.5±0.5V		
Low voltage protection	10±0.5V		
Over voltage protection	15.5±0.5V		
Low voltage recover	12.3±0.5V		
Over voltage recover	14.8V±0.5V		
Protect function	Low voltage	Alarm at first, voltage continuously reduce. LED Red light on & shut down.	
	Over voltage	LED Red light on, shut down	
	Over load	LED Red light on, shut down	
	Over temperature	Alarm at first, temperature continuously rise. LED Red light on & shut down	
	Short circuit	LED Red light on	
Input reverse polarity	Fuse burn-out		
Battery Voltage	12V		
Charging Voltage	14.5V±0.3V		
PV Input Current	10A(Max)		
PV Input Voltage	25V(Max)		
Low Voltage Disconnection	9.5V±0.5V		
Low Voltage Reconnection	12.6V±0.3V		
Working temperature	-10° - +50°		
Storage temperature	-30° - +70°		
Dimension(mm)	180x106x83mm	215x106x83mm	
Packing(mm)	263x143.5x82mm	265x145x73mm	
Net./gross weight(g)	685/855g	765/980g	
QTY/Ctn	20pcs	15pcs	
Meas./Ctn(mm)	635x330x535mm	465x315x395mm	
Gross weight/Ctn(g)	17100g	14700g	
Warranty	1 years		
Configuration	Standard		
Cooling method	Intelligent air cooling		