



# Modified Sine Wave Inverter

# HP-C Series



HP-600C



HP-1000C  
HP-1200C  
HP-1500C



HP-2000C  
HP-2500C  
HP-3000C



### Features

- Bi-directional Inverter and Charger
- Microcontroller Integrated
- Compact Design with Aluminum Housing
- LED Indicators for Inverter States
- Input & Output Fully Isolation
- Intelligent Temp & Load Cooling Fan
- Multi Pre-Alarm & Shutdown Alarm Protections: Battery Type Detection / Polarity Reverse / Low Voltage Short Circuit / Overheat / Overload
- 100% Made in Taiwan

Model	HP-600C	HP-1000C	HP-1200C	HP-1500C	HP-2000C	HP-2500C	HP-3000C
<b>System</b>							
Continuous Power	600W	1000W	1200W	1500W	2000W	2500W	3000W
Surge Power	1500W	2400W	2800W	3000W	4000W	5000W	6000W
Output Voltage	100/110/120 VAC; 220/230/240 VAC						
Output Waveform	Modified Sine Wave						
Standby Current (Normal)	DC 12V	< 0.6A		< 0.7A		< 0.8A	
	DC 24V	< 0.4A	< 0.5A	< 0.6A		< 0.7A	
Output Regulation	< ±5% Intelligent AVR	< ±5% Intelligent PWM					
Output Frequency	50/55/60 Hz Crystal Controlled						
Input Voltage	DC 12V: 10-15V; DC 24V: 20-30V						
Efficiency	> 85%						
<b>Protection</b>							
Input Type Auto-Detection	YES						
Input Polarity Reverse Prot.	Fuse						
Input Low Voltage Prot.	DC 12V: < 10.5V Pre-Alarm, < 9.5V Shutdown & Alarm DC 24V: < 21.5V Pre-Alarm, < 20V Shutdown & Alarm						
Short Circuit Prot.	YES						
Overheat	> 60°C Pre-Alarm, > 65°C Shutdown & Alarm						
Overload	Pre-Alarm	> 630W	> 1000W	> 1200W	> 1500W	> 2000W	> 2500W
	Auto-off & Alarm	> 660W	> 1100W	> 1250W	> 1600W	> 2100W	> 2600W
Cooling	Intelligent Fan						
<b>Mechanical</b>							
Fuse	DC 12V	25A x 3PCS	20A x 6PCS	25A x 6PCS	25A x 8PCS	20A x 12PCS	25A x 16PCS
	DC 24V	15A x 3PCS	10A x 6PCS	15A x 6PCS	15A x 8PCS	10A x 12PCS	15A x 16PCS
AC Outlets	EU: 1; USA: 2				EU: 2; USA: 3		
Dimension (L x W x H) (mm)	325 x 113 x 62	430 x 135 x 79		490 x 135 x 79	400 x 135 x 148		460 x 135 x 148
Net Weight	2.2 kg	3.1 kg	3.8 kg		5.5 kg		6.9 kg
RC (Standard) Accessory	-		YES				
<b>Battery Charger</b>							
Charging Current	DC 12V: 10A; DC 24V: 5A						
Battery Full Detection	YES						
Power Auto-Switch	AC LINE -> INVERTER; INVERTER -> AC LINE						
Switching Time	AC LINE -> INVERTER: < 16ms; INVERTER -> AC LINE: < 16ms						