

## Power Equipment

# YCP Series Pure Sine Wave Inverter



**OVERLOAD  
PROTECTION**



**OVER TEMPERATURE  
PROTECTION**



**SHORT CURRENT  
PROTECTION**



**LOW/OVER VOLTAGE  
PROTECTION**

Specification	Model	YCP300	YCP500	YCP1000	YCP1500	YCP2000	YCP3000	YCP4000	YCP5000	YCP6000	YCP8000	
Rated Power		300W	500W	1000W	1500W	2000W	3000W	4000W	5000W	6000W	8000W	
Surge Power		600W	1000W	2000W	3000W	4000W	6000W	8000W	10000W	12000W	16000W	
Input Voltage		12/24/48VDC							24/48VDC			
Output Voltage		110/220VAC±5%										
USB Port		5V 1A										
Frequency		50Hz ± 3 or 60Hz±3										
Output Waveform		Pure Sine Wave										
Soft Start		YES										
THD/AC Regulation		THD<3%(LinearLoad)										
Output Efficiency		94%MAX										
Cooling Way		Intelligent Cooling Fan										
Protection		Battery Low Voltage & Over Voltage, Over Load, Over Temperature,Short Circuit										
WorkingTemperature		-10°C- +50°C										
Dimension(L*W*H)(cm)		19.5*11.2*6.0	23.2*15*7.8	32.6*16.5*8.7	36.2*16.5*8.7	45.6*20.6*12.2	46*21*8.6	46.5*21.6*15.6	46.5*21.6*15.6	51.8*20*14.5	66*30*23.5	
Meas./Ctn(L*W*H)(cm)		51*49*30.7/18pcs	63*34*38.5/10pcs	67.5*37.3*29.7/6pcs	52*47.5*38/4pcs	52*47.5*38/4pcs	53.5*51.5*27.5/pcs	57.5*31.5*25/1pcs	57.5*31.5*25/1pcs	64.3*30*23.5/1pcs	74*30*23.5/1pcs	
N.W./Unit(kg)		1.0KG	2.0KG	3.1KG	4.3KG	4.02KG	6.1KG	10KG	10.5KG	12KG	14KG	
G.W./Ctn		23KG	24KG	22KG	20KG	24.5KG	28KG	12KG	12.5KG	14KG	18KG	
Packing		Honeycomb carton										
Warranty		2 Years										

## Power Equipment

# YCPC Series Pure Sine Wave Inverter With Charger



**OVERLOAD  
PROTECTION**



**OVER TEMPERATURE  
PROTECTION**



**SHORT CURRENT  
PROTECTION**



**LOW/OVER VOLTAGE  
PROTECTION**

Specification	Model	YCPC500	YCPC1000	YCPC1500	YCPC2000	YCPC3000	YCPC4000	YCPC5000
Rated Power		500W	1000W	1500W	2000W	3000W	4000W	5000W
Surge Power		1000W	2000W	3000W	4000W	6000W	8000W	10000W
Input Voltage		12/24/48VDC					24/48VDC	
Output Voltage		110/220VAC±5%						
USB Port		5V 2A						
Frequency		50Hz ± 3 or 60Hz±3						
Output Waveform		Pure Sine Wave						
Soft Start		YES						
Charging Current		10/20/30A optional						
Priority		Grid first						
Transfer time		< 10 ms						
Cooling Way		Intelligent Cooling Fan						
Protection		Battery Low Voltage & Over Voltage, Over Load, Over Temperature,Short Circuit						
WorkingTemperature		-10°C- +50°C						
Dimension(L*W*H)(cm)		36.5*16.5*9	40*16.5*9	43.5*16.5*11.3	43.5*16.5*11.3	45*21.2*15.2	49.7*21.6*15.1	73.5*30.8*24
Meas./Ctn(L*W*H)(cm)		49.5*48*31.5/4pcs	55*47.5*31.5/4pcs	57*47*38.5/4pcs	57*47*38.5/4pcs	63.5*30.8*24/1pcs	63.5*30.8*24/1pcs	61*21.6*15.1/pcs
N.W./Unit(kg)		2.8KG	3.62KG	5.04KG	5.04KG	8.9KG	11.14KG	13.56KG
G.W./Ctn		13.76KG	4.06KG	5.92KG	5.92KG	10.12KG	13.4KG	16.08KG
Packing		Carton				Honeycomb carton		
Warranty		1 Years						

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## Power Equipment

# YCPE Series Pure Sine Wave Inverter With E Display



**OVERLOAD PROTECTION**



**OVER TEMPERATURE PROTECTION**



**SHORT CURRENT PROTECTION**



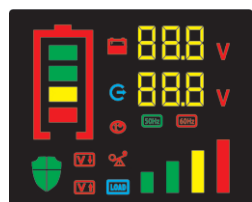
**LOW/OVER VOLTAGE PROTECTION**

Intelligent digital display  
Input & output fully isolated.  
Very stable AC output, low voltage drop  
Customized input voltage: 36V/60V/72V/96V/110VDC

Specification	Model	YCPE300	YCPE500	YCPE1000	YCPE1500	YCPE2000	YCPE3000	YCPE4000	YCPE5000	YCPE6000	YCPE8000
Rated Power		300W	500W	1000W	1500W	2000W	3000W	4000W	5000W	6000W	8000W
Surge Power		600W	1000W	2000W	3000W	4000W	6000W	8000W	10000W	12000W	16000W
Input Voltage		12/24/48VDC						24/48VDC			
Output Voltage		110/220VAC±5%									
USB Port		5V 2A									
Frequency		50Hz ± 3 or 60Hz±3									
Output Waveform		Pure Sine Wave									
Soft Start		YES									
THD/AC Regulation		THD<3%(LinearLoad)									
Output Efficiency		94%MAX									
Cooling Way		Intelligent Cooling Fan									
Protection		Battery Low Voltage & Over Voltage, Over Load, Over Temperature, Short Circuit									
Working Temperature		-10°C - +50°C									
Dimension(L*W*H)(cm)		20*11.2*6	21.5*15*7.8	27.8*17*10.5	38.1*17*10.5	38.1*17*10.5	48*19.9*8.4	44*20*15	51*20*15	61*20*15	61*20*15
Meas./Ctn(L*W*H)(cm)		54.5*49*32.5/18PCS	76*45*28/10pcs	53.5*47*40.7/6pcs	47.5*47*36.5/4PCS	47.5*47*36.5/4PCS	62.5*53*29.5/4pcs	63.5*30.8*24/1pcs	63.5*30.8*24/1pcs	73.5*30.8*24/1pcs	73.5*30.8*24/1pcs
N.W./Unit(kg)		0.82KG	1.7KG	2.74KG	4KG	4KG	6.1KG	9KG	10.12KG	11.62KG	13.14KG
G.W./Ctn		20KG	22.5KG	20.5KG	21.6KG	21.6KG	30.44KG	10.84KG	11.72KG	13.44KG	14.96KG
Packing		Carton						Honeycomb carton			
Warranty		2 Years									

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## EModel Display



Power On



Frequency



Battery Connected



Battery Level



Output Load Percent



Battery Voltage & AC Output Voltage



Inverter Overload Protection



Inverter Over Voltage Protection



Inverter Low Voltage Protection



Inverter Over Temperature Protection

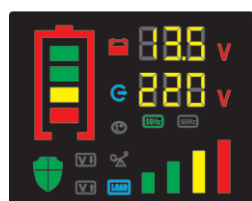


Inverter Under Protection

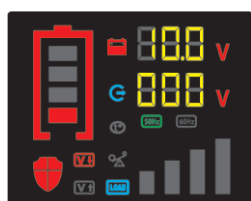


Inverter Normal Working

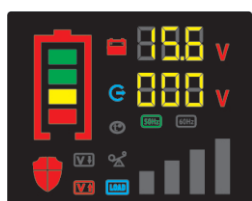
## Working Mode



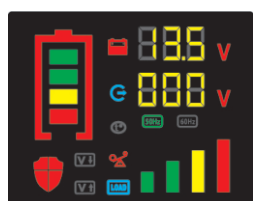
Normal Working



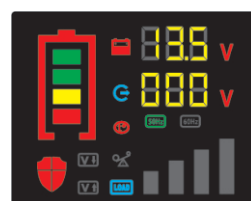
Low-volt Protection



High-volt Protection



Overload Protection



High-Temp Protection