

BN series 500w-3000w inverter

BP series 500w-6000w inverter with PWM controller



Product features

- Ring transformer, low load loss
- Perfect protection, safe and reliable
- Double function mode, use more flexible
- Hanging design, more humane
- Power frequency program design, to adapt to various types of load

Technical parameters

Model	BN050	BN100	BN150	BN200	BN300	
Rated power	500W	1000W	1500W	2000W	3000W	
Battery	Rated volatage	12V/24V	12V/24V	24V	24V/48V	48V
	Charge current	Max 10A		Max 15A		
Input	Voltage	170-265VAC				
	Frequency	50HZ:50HZ ± 5HZ; 60HZ:60HZ ± 5HZ				
Output	Voltage	Inverter model :220V±5%				
	Frequency	50/60HZ±1% (Inverter model)				
	Output Waveform	Pure sine wave				
	Conversion time	<10ms (typical load)				
	Efficiency	> 85%(80% Resistive load)				
	Overload	110-120%/30s; > 120%/3s				
Protection function	Battery overvoltage protection,battery undervoltage protection,overload protection,short circuit protection, overtemperature protection,etc.					
Display	LCD+LED					
Cooling method	Air-cooled					
Operating temperature	0-40°C					
Dimensions : D x W x H	430*300*125mm		480*375*175mm			
Weight (kg)	8	9.5	11.5	21.5	24.5	



Product features

- Ring transformer, low load loss
- Perfect protection, safe and reliable
- Double function mode, use more flexible
- Double MCU design, performance excellence
- Wide voltage input, automatic voltage regulator
- Assemble dc power output, convenient for users
- Power frequency program design, to adapt to various types of load

Technical parameters

Model	BP1030	BP1530	BP2030	BP3050	BP4050	BP5050	BP6050
Rated power	1000W	1500W	2000W	3000W	4000W	5000W	6000W
Battery	Rated volatage	12V/24V/48V		24V/48V		48v	
	Charge current	Max 30A					
Input	Voltage	85-138VAC/170~275VAC					
	Frequency	45-65Hz					
AC output/DC output	Voltage	110VAC/220VAC±5%(Inverter model)					
	Frequency	50/60HZ±1% (Inverter model)					
	Output Waveform	Pure sine wave					
	Conversion time	<10ms (typical load)					
	Efficiency	> 85%(80% Resistive load)					
	Overload	110-120%/30s; > 120%/3s					
	Protection function	Battery overvoltage protection,battery undervoltage protection,overload protection,short circuit protection, overtemperature protection,etc.					
	USB	5VDC/1A*2					
Solar input	DC2.0	15VDC/5A *2			12VDC/5A*4		
	Input voltage	12V:18-25VDC; 24V:30~45VDC; 48V: 60-80VDC					
	Maximum current	30A			50A		
power	12V: 300W;24V:750W;48V:1500W			24V:1200W; 48V:2500W			
Display	LCD+LED						
Cooling method	Air-cooled						
Operating temperature	0-40°C						
Dimensions : D x W x H	490*360*150mm			400*525*170mm			
Weight (kg)	12	14	17	19	22	26	27