

## AN series 500w-6000w inverter

## AP 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
- Unattended function, more human
- Power frequency program design, to adapt to various types of load

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### Technical parameters

Model	AN050	AN100	AN150	AN200	AN300	AN400	AN500	AN600		
Rated power	500W	1000W	1500W	2000W	3000W	4000W	5000W	6000W		
Battery	Rated volatage	12V 24V	12V 24V	24V 48V	24V 48V	48V 24V	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%/30;> 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	405*145*236mm			490*192*330mm			470*220*455mm			
Weight (kg)	6	8	10.5	15	18	20.5	25	27.5	31.5	32

### Technical parameters

Model	AP0530	AP1030	AP1530	AP2030	AP3050	AP4050	AP5050	AP6050		
Rated power	500W	1000W	1500W	2000W	3000W	4000W	5000W	6000W		
Battery	Rated volatage	12V/24V	12V/24V	24v 48v	24V/48V	48v 24v	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	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.								
Solar input	Input voltage	12V:18-25V; 24V:30-45VDC; 48V: 60-80VDC								
	Maximum current power	30A			50A					
Display	LCD+LED									
Cooling method	Air-cooled									
Operating temperature	0-40°C									
Dimensions : D x W x H	405*145*236mm			490*192*330mm			470*220*455mm			
Weight (kg)	6.5	8.5	11	16	19	21.5	26	29	33	33.5