

Main Function And Features

- Simple structure,easy maintenance;
- Output for pure sine wave;
- Micro-computer chip control,PWM regulate,automatic temperature compensation;
- Protection is wide,with over-voltage,under-voltage,overload,short-circuit and so on;
- High performance,especially used at home;
- Charge fuction:Solar and city power.

1.Technical Data



Model		AP-150L	AP-150H
Capacity		150VA	150VA
System Voltage		12VDC	12VDC
Best Output Power Everyday		173WH	346WH
Inverter	Output Wave	Pure Sine Wave	Pure Sine Wave
	Output Voltage	AC110V or 220V, DC12V	AC110V or 220V, DC12V
	Output Frequency	50Hz/60Hz	50Hz/60Hz
	Precision of Output Frequency	± 6%	± 6%
Solar Panel	Pmax	50W	100W
	Vmp	17. 5V	17. 5V
	Imp	2. 9A	5. 7A
Battery Capacity		12V 75AH	12V 120AH

2.Package Data

Model	AP-150L		AP-150H	
	Size(L × W × H mm)	Weight(Kg)	Size(L × W × H mm)	Weight(Kg)
Power Box	475 × 295 × 255	46	475 × 295 × 255	60
Solar Panel	850 × 610 × 60	7	1250 × 740 × 75	12
Solar Panel Bracket	825 × 760 × 55	9	1460 × 85 × 75	13
Battery	259 × 169 × 208	22	406 × 174 × 208	37

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1.Technical Data

Model		AP-300L	AP-300H
Capacity		300VA	300VA
System Voltage		12VDC	24VDC
Best Output Power Everyday		350WH	700WH
Inverter	Output Wave	Pure Sine Wave	Pure Sine Wave
	Output Voltage	AC110V or 220V, DC12V	AC110V or 220V, DC12V
	Output Frequency	50Hz/60Hz	50Hz/60Hz
	Output Current	1.09A(220V)/2.18A(110V)	1.09A(220V)/2.18A(110V)
	Precision of Output Voltage	± 3%	± 3%
	Precision of Output Frequency	± 0.1%	± 0.1%
	False Output Wave of AC	<3%	<3%
	Overload Ability	120%,30 Seconds	120%,30 Seconds
	Invert Efficiency	>85%	>85%
Solar Panel	Pmax	100W	220W
	Vmp	17.5V	35V
	Imp	2.9A	5.7A
Battery Capacity		12V 100AH	24V 100AH

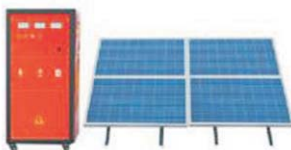
2.Package Data

Model	AP-300L		AP-300H	
	Size(L x W x H mm)	Weight(Kg)	Size(L x W x H mm)	Weight(Kg)
Power Box	450 x 380 x 655	53	450 x 380 x 655	65
Solar Panel	1200 x 850 x 45	12	1200 x 850 x 85	23
Solar Panel Bracket	1460 x 85 x 75	13	1660 x 85 x 75	14
Battery	328 x 172 x 214	22	406 x 174 x 208	43



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1.Technical Data

Model	AP-500L	AP-500M	AP-500H
Capacity	500VA	500VA	500VA
System Voltage	12VDC	24VDC	24VDC
Best Output Power Everyday	700WH	700WH	1400WH
Inverter	Output Wave	Pure Sine Wave	Pure Sine Wave
	Output Voltage	AC110V or 220V, DC12V	AC110V or 220V, DC12V
	Output Frequency	50Hz/60Hz	50Hz/60Hz
	Precision of Output Voltage	± 3%	± 3%
	Precision of Output Frequency	± 0.1%	± 0.1%
	False Output Wave of AC	<3%	<3%
	Overload Ability	120%,30 Seconds	120%,30 Seconds
Solar Panel	Invert Efficiency	>85%	>85%
	Pmax	160W	200W
	Vmp	17.5V	35V
Solar Panel	Imp	9.1A	9.4A
	Vmp	35V	35V
Battery Capacity	12V 120AH	24V 100AH	24V 200AH

2.Package Data

Model	AP-500L		AP-500H	
Part	Size(L x W x H mm)	Weight(Kg)	Size(L x W x H mm)	Weight(Kg)
Power Box	450 x 380 x 655	72	550 x 430 x 750	85
Solar Panel	1200 x 850 x 85	23	1200 x 850 x 170	45
Solar Panel Bracket	1660 x 85 x 75	14	1660 x 85 x 150	28
Battery	406 x 174 x 208	43	500 x 208 x 212	56

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1.Technical Data

Model	AP-1000L	AP-1000M	AP-1000H
Capacity	1000VA	1000VA	1000VA
System Voltage	24VDC	48VDC	48VDC
Best Output Power Everyday	1460WH	1460WH	2920WH
Inverter	Output Wave	Pure Sine Wave	Pure Sine Wave
	Output Voltage	AC110V or 220V, DC12V	AC110V or 220V, DC12V
	Output Frequency	50Hz/60Hz	50Hz/60Hz
	Precision of Output Voltage	± 3%	± 3%
	Precision of Output Frequency	± 0.1%	± 0.1%
	False Output Wave of AC	<3%	<3%
	Overload Ability	120%,30 Seconds	120%,30 Seconds
Solar Panel	Invert Efficiency	>85%	>85%
	Pmax	400W	800W
	Vmp	35V	70V
	Imp	11.4A	11.4A
Battery Capacity	24V 120AH	48V 120AH	48V 240AH

2.Package Data

Model	AP-1000L		AP-1000H	
Part	Size(L x W x H mm)	Weight(Kg)	Size(L x W x H mm)	Weight(Kg)
Power Box	500 x 430 x 700	115	570 x 440 x 750	161
Solar Panel	1200 x 850 x 170	45	1200 x 850 x 340	90
Solar Panel Bracket	1660 x 85 x 150	28	1600 x 85 x 300	56
Battery	425 x 760 x 269	132	850 x 755 x 269	263
Battery Bracket	830 x 100 x 85	12	1660 x 100 x 85	23



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1.Technical Data

Model		AP-2000L	AP-2000H
Capacity		2000VA	2000VA
System Voltage		110VDC	110VDC
Best Output Power Everyday		3378WH	67560WH
Inverter	Output Wave	Pure Sine Wave	Pure Sine Wave
	Output Voltage	AC110V or 220V, DC12V	AC110V or 220V, DC12V
	Output Frequency	50Hz/60Hz	50Hz/60Hz
	Precision of Output Voltage	± 3%	± 3%
	Precision of Output Frequency	± 0.1%	± 0.1%
	False Output Wave of AC	<3%	<3%
	Overload Ability	120%,30 Seconds	120%,30 Seconds
Solar Panel	Invert Efficiency	>85%	>85%
	Pmax	900W	1800W
	Vmp	157. 5V	157. 5V
	Imp	5.7A	11.4A
Battery Capacity		108V 100AH	108V 200AH

2.Package Data

Model	AP-2000L		AP-2000H	
	Size(L×W×H mm)	Weight(Kg)	Size(L×W×H mm)	Weight(Kg)
Power Box	550×575×320	45	550×575×320	45
Solar Panel	1200×850×425	102	1200×850×765	203
Solar Panel Bracket	2270×85×225	56	2270×85×450	113
Battery	1108×630×275	260	1615×754×255	509
Battery Bracket	2270×85×75	35	2270×85×75	35

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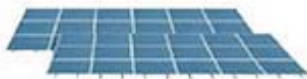
Model		AP-3000L	AP-3000H
Capacity		3000VA	3000VA
System Voltage		110VDC	110VDC
Best Output Power Everyday		6000WH	10134WH
Inverter	Output Wave	Pure Sine Wave	Pure Sine Wave
	Output Voltage	AC110V or 220V, DC12V	AC110V or 220V, DC12V
	Output Frequency	50Hz/60Hz	50Hz/60Hz
	Output Current	10.9A(220V)/21.8A(110V)	10.9A(220V)/21.8A(110V)
	Precision of Output Voltage	± 3%	± 3%
	Precision of Output Frequency	± 0.1%	± 0.1%
	False Output Wave of AC	<3%	<3%
	Overload Ability	120%,30 Seconds	120%,30 Seconds
Solar Panel	Invert Efficiency	>85%	>85%
	Pmax	1600W	2700W
	Vmp	160V	157.5V
	Imp	10A	17.1A
Battery Capacity		108V 150AH	108V 300AH

2. Package Data

Model	AP-3000L		AP-3000H	
	Size(L x W x H mm)	Weight(Kg)	Size(L x W x H mm)	Weight(Kg)
Power Box	500 x 640 x 930	65	500 x 640 x 930	65
Solar Panel	1200 x 850 x 680	180	1200 x 850 x 1190	304
Solar Panel Bracket	1660 x 85 x 600	111	2270 x 85 x 675	169
Battery	490 x 540 x 880	375	987 x 540 x 870	750
Battery Bracket	2270 x 85 x 75	35	2270 x 85 x 150	65

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1. Technical Data

Model		AP-5000L	AP-5000H
Capacity		5000VA	5000VA
System Voltage		220VDC	220VDC
Best Output Power Everyday		6756WH	13512WH
Inverter	Output Wave	Pure Sine Wave	Pure Sine Wave
	Output Voltage	AC110V or 220V, DC12V	AC110V or 220V, DC12V
	Output Frequency	50Hz/60Hz	50Hz/60Hz
	Output Current	18. 2A(220V)/36. 4A(110V)	18. 2A(220V)/36. 4A(110V)
	Precision of Output Voltage	± 3%	± 3%
	Precision of Output Frequency	± 0.1%	± 0.1%
	False Output Wave of AC	<3%	<3%
	Overload Ability	120%,30 Seconds	120%,30 Seconds
Solar Panel	Invert Efficiency	>85%	>85%
	Pmax	1800W	3600W
	Vmp	315V	315V
	Imp	5.7A	11.4A
Battery Capacity		216V 100AH	216V 200AH

2.Package Data

Model		AP-5000L		AP-5000H	
Part	Size(L x W x H mm)	Weight(Kg)	Size(L x W x H mm)	Weight(Kg)	
Power Box	500 x 640 x 930	65	500 x 640 x 930	65	
Solar Panel	1200 x 850 x 765	203	1200 x 850 x 1530	405	
Solar Panel Bracket	2270 x 85 x 450	113	1660 x 85 x 900	226	
Battery	740 x 625 x 835	520	1070 x 744 x 765	1017	
Battery Bracket	2270 x 85 x 150	65	2270 x 85 x 150	65	