

PS10B

Product Features

- Pure sine wave output, different output frequency and output voltage selectable.
- DSP chip control management, modular design.
- LED lights for indicating battery status and charging status .
- Multi-functional machine, integrated function of AC charge ,
- MPPT solar charge, inverter output and DC 12V output.
- Polymer Lithium battery as storage battery, different power capacity selectable .
- Impeccable protection function: low voltage, over voltage,

PS10B discharge time calculation:

$$\text{Capacity of PS10B (Wh)} \div \text{power of load (W)} = \text{discharge time(h)}$$



Application Scope

Office Equipment:

PC, telephone, printer, display device, copying machine, fax machine, paper shredder, projector, etc.



Home Device:

TV, video recorder, sounding device, DVD display device, VCD display device, fan, lighting, and refrigerator



Travel use:

Outdoor lighting, microwave oven, cooking etc.



Outdoor use:

Power tool, vehicle recovery, rescue and relief work, commercial promotion use, etc.



Entertainment use:

Mobile phone, PDA, digital video recorder, digital camera, battery charge, GPS satellite navigation etc.



Product Parameter

	Model	specification		
		PS10B-700	PS10B-1200	PS10B-1500
parameter	Output Power	0.7 KWh	1.08KWh	1.4 KWh
	Weight	7.8Kg	11.3Kg	12.0Kg
	Capacity	768Wh	1200Wh	1536Wh
	Color	Yellow		
Charge Parameters	Dimension	L405*W215*H261		
	Input voltage	100~240VAC		
	Input frequency	50/60HZ		
	Input power	327W/6A		
	Solar charge current	210W/4A		
	Solar board voltage	DC18-54V		
	AC charging time	3.5h	6.5h	7.5h
Discharge parameter	Output voltage	100/110/120/200/220/230/240±3%VAC		
	Output frequency	50/60HZ±0.5		
	Output power	500VA		
	Overload capacity	120% 10S		
	Discharge time	2h(250W)	4h(250W)	5.5h(250W)
	Output waveform	Pure sine wave output		
	Transfer efficiency	≥92%		
	MPPT efficiency	≥98%		
	On-board DC output	DC12V/6A		
	Defensive Function	Short circuit protection	YES	
Low voltage protection		YES		
High voltage protection		YES		
Over-temperature protection		≥50°C		
Low voltage switch		Solve the problem of self-discharge for long storage.		
Battery repair function		When the voltage of the battery pack is too low, it is charged with low current		
Work Environment	Voltage balance function	YES		
	Working temperature range	0-45		
	Working humidity range	10%-90%		