



POWERHOUSE DISTRIBUTIONS

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SUPER HOME UPS

Super Home UPS is an All-In-One user friendly UPS, easy to handle, suitable and compatible for almost all Home/Office applications (Linear and non-linear loads including Air Conditioners!).

Being a line interactive UPS, it can produce clean and perfect **PURE SINEWAVES**, by providing the best power quality for all your electric equipment.

The traditional UPS supplies power only for a limited few minutes, the Super Home UPS can function as a high efficient **GENERATOR!** With an Auto Transfer Switch, it can easily handle any critical power failure situations.

Also, the SH Series has a powerful charger that can supply a capacity over 500 Ah, it can adapt itself and charge without any damage to any type of battery. Its Solar Power Server allows the UPS to work with solar panels to supplement the built in battery charger of the UPS.

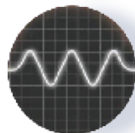
SH Series: an ecologic solution for homes and offices!



powerful charger



Auto transfer switch



Pure sinewave



sinewave inverter



solar power server

Feature:

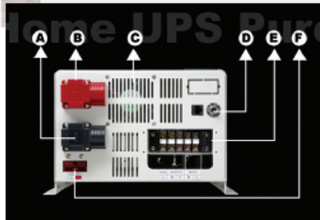
✓	Multiple microprocessor design base
✓	Compatible with linear and non-linear load
✓	Stronger charger to support batteries 500AH and up
✓	24 hours operation on the inverter
✓	Parameter presentable
✓	DC start and automatic self-diagnostic function
✓	THD less than 3%
✓	High efficiency design to save electricity
✓	Low heat dissipation in long time operation
✓	Designed to operate under harsh environment
✓	LCD Panel Control
✓	Controllable & Removable panel with LCD
✓	Wall Mounted Design or 19" Rack



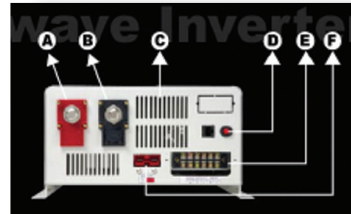
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Specification of Super Home UPS



- A Positive DC connector
- B Negative DC connector
- C Cooling Fan
- D AC Output Fuse
- E AC Output Terminal Block
- F Solar Panel Input



Model		SH-1200	SH-2400	SH-3600	SH-6600S	SH-10000S	SH-13000S		
Capacity	VA/Watt	1.2KVA/800W	2.4KVA/1600W	3.6KVA/2400W	6.6KVA/4000W	10KVA/6000W	13KVA/8000W		
Input	Normal Voltage	220Vac / 110Vac					220Vac		
		Acceptable Voltage	120-275Vac / 60-135Vac					120Vac-275Vac	
		Frequency	50Hz / 60Hz (45Hz- 70Hz)						
	Voltage Range	Line Low Transfer	120Vac +-2% /60VAC +- 2%					120Vac+-2%	
		Line Low Return	130Vac +-2% /65Vac +-2%					130Vac+-2%	
Line High Transfer		275Vac +-2% / 135Vac +-2%					275Vac+-2%		
Line High Return		260Vac+-2% / 130Vac +-2%					260Vac+-2%		
Output	Voltage	220Vac (230V or 240 Vac re-settable via LCD panel); 110Vac (115V or 120Vac re-settable via LCD panel)					230Vac (220V or 240Vac re-settable via LCD panel)		
	Voltage Regulation (Batt Mode)	<3% RMS for entire battery voltage range							
	Frequency	50Hz or 60 Hz							
	Frequency Regulation (Batt Mode)	+-0.1 Hz							
	Power Factor	0.67			0.6		0.62		
	Waveform	Pure Sinewave							
Transfer Time	Typical	< 8ms							
Battery	Battery Voltage	12Vdc	24Vdc			48Vdc			
	Backup Time (at full load)	Long time available							
	Max Charging Current (3 steps selectable)	>40A	>50A			>60A			
Solar Power	Solar Power Server 50A (Option)	Optional*			Standard				
Display LCD	LCD Extended LCD Remote Control (optional)	UPS status,I/P &O/P Voltage Frequency, Load%, Battery Voltage & %, Temperature, Model							
	LED	Normal (Green), Warning (Yellow), Fault (Red)							
Audible Alarm	Battery Mode	Beeping every 4 seconds							
	Low Battery	Beeping every second							
	UPS Fault	Beeping Continuously							
	Overload	Beeping twice per second. UPS will shutdown automatically in 30 seconds if overload is over 105~ 150% and up to 150 % will shutdown immediately.							
	Operation Temperature	0-40 degree C; 32-104 degree F							
Environment	Relative Humidity	0-95% non-condensing							
	Audible Noise	Less than 55dBA (at 1M)							
Physical	Net Weight (Kgs)	14	21	23	49.2	51.4	53.6		
	Dimension (WxHxD)mm	440*132*290	440*132*360	440*132*360	N/A	N/A	N/A		
	Wall Mounted(W*H*D)mm	298*400*150	298*450*190	298*450*190	415*600*260	415*600*260	415*600*260		

* Add "S" to the part number for the solar server option

Different specifications required are available
 All specifications mentioned above are subject to change without prior notice.