

ZRW SIC RANGE OF POWER INVERTERS

The Home+Office UPS, a powerful all-in-one solution, delivers unsurpassed clean true sine wave output power and combines this with a selectable multistage battery charging current. Applicable for any kinds of loads such as air conditioner, home appliances, consumer electronic and office equipment. This series features a durable & continuous 24 hours operation. The built-in 5-stage intelligent charger automatically charges any types of batteries without the risk of overcharge. The compact & modular design makes utility interactive installations easier and more cost effective. It is a high quality product that offers the best price/performance ratio in the industry.

Features

- ▶ Multiple Microprocessor design base
- ▶ Compatible with both linear & non-linear load.
- ▶ Stronger charger to support batteries of 500AH up.
- ▶ 24 hours operation on the Inverter
- ▶ Controllable & Removable panel with LCD
- ▶ Parameter Pre-settable



Specification of Home UPS

Model		SIC-1.2KC	SIC-2.4KC	SIC-3.6KC	SIC-5KC	SIC-6KC	SIC-8KC	
Capacity	VA / Watt	1.2KVA / 800W	2.4KVA / 1600W	3.6KVA / 2400W	5KVA / 4000W	6KVA / 6000W	8KVA / 8000W	
	Nominal	220VAC / 120VAC						
Input	Voltage Range	Acceptable Voltage Range		120-270VAC / 60-135VAC				
		Frequency		50Hz / 60Hz (45Hz - 70Hz)				
		Line Low Transfer		120VAC ± 2% / 60VAC ± 2%				
		Line Low Return		130VAC ± 2% / 65VAC ± 2%				
		Line High Transfer		270VAC ± 2% / 135VAC ± 2%				
		Line High Return		260VAC ± 2% / 130VAC ± 2%				
Output	Voltage	220VDC (230V or 240VAC re-settable via LCD panel) / 115VAC (115V or 120VAC re-settable via LCD panel)						
		Voltage Regulation (Batt. Mode) < 3% RMS for entire battery voltage range						
		Frequency 50Hz or 60Hz						
		Frequency Regulation (Batt. Mode) ±0.1Hz						
		Power Factor		0.67	0.8	1	1	
		Waveform		Pure Sinewave				
Transfer Time	Typical	< 8 ms.						
Battery	Battery Voltage	12VDC	24VDC	24VDC	24VDC	48VDC	48VDC	
	Backup Time (at full load)	long time available						
	Max. Charging Current (3 steps selectable)	> 40A	> 50A	> 50A	> 50A	> 60A	> 60A	
Solar Power	Solar Power Server 50A (Option)							
Display LCD	LCD	UPS status, I/P&O/P Voltage Frequency, Load%, Battery Voltage &%, Temperature, Model						
Audible Alarm	LED	Normal (Green), Warning (Yellow), Fault (Red)						
	Battery Mode	Beeping every 4 seconds						
	Low Battery	Beeping every second						
	UPS Fault	Beeping Continuously						
	Overload	Beeping twice per second						
	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	
	Wall Mounted (W×H×D)/mm	298×400×150	298×450×190	298×450×190	415×600×260	415×600×260	415×600×260	

* Different specifications required are available.

* All specifications mentioned above are subject to change without prior notice.



Other Products in the ZRW Range



Solar Panels



Inverters



Solar Streetlights



Solar Batteries



Solar Pumps



Accessories



Solar Controllers



LED lights