

INTRODUCING

NEW **HEIWA** SERIES

HIGHER KVA INVERTER
3.5kVA to 10kVA



Applications:



FAN



TUBELIGHT



LED TV



COMPUTER



HOME



OFFICE



CYBER CAFE



SHOP

With the power to handle powerful & sensitive appliances based on the most advanced DSP Technology, Genus **HEIWA** HKVA is a much superior alternative to commercial UPS. The output power is pure sine wave, purer than the power supplied from grid, thereby ensuring the total safety of home and office appliances.



Load Chart:

Model Options	HEIWA 3500		HEIWA 4200		HEIWA 6500		STATICA 10000	
	I	II	I	II	I	II	I	II
CFL 15W / 14W	32	22	35	20	25	10	60	35
Tube Light (Electronic Choke)	8	5	10	9	12	3	22	5
Ceiling Fan	6	5	8	6	10	3	20	5
Color TV (40" LED / LCD)	2	X	2	X	2	1	4	1
PC with 14" TFT / LCD	X	X	X	X	X	X	X	X
Window AC (1Ton)	X	X	X	X	X	X	X	X
Split AC (1.5Ton)	X	X	X	X	X	1	X	1
Split AC (2Ton)	X	X	X	X	X	X	X	1
Single Door Refrigerator (165Lts)	1	1	1	1	2	X	4	X
Medium size Semi Automatic Washing Machine	X	1	X	1	X	X	X	X

*Applications depend on rating & voltage of selected product.

Salient Features



Turbo Charging Option



Pure Sine Wave



Works With All Batteries



Advance DSP Technology



Genus ASIC Technology



Best In Class Switchover

TECHNICAL SPECIFICATIONS

Model	3500	4200	6500	6500
System Rating (VAW)	3500 VA	4125 VA	5000 VA	5000 VA
Input Parameters				
Nominal Input Battery Voltage	48V			96V
Main Input Voltage Range (UPS Mode)	180 VAC - 265 VAC \pm 5 VAC			
Main Input Voltage Range (Normal Mode)	100 VAC - 280 VAC \pm 15 VAC			
Battery Charging				
Grid Charging Current	6A, 10A, 14A & 18A (Selectable)			
Modes				
UPS/NORMAL	Via Switch			
Charging Mode	6A, 10A, 14A & 18A Via Switch			
Battery Mode	b0 , b1 , b2 and b3 Via Switch			
Output Parameters				
Wave Form Type	PURE SINE WAVE			
Output Voltage Regulation	200 VAC \pm 10%			
Output Frequency	50 Hz \pm 0.5 Hz			
Overload Protection	Provided at >100% with Auto Reset			
Low Battery Protection	Provided with Auto Reset			
Short Circuit Protection	Provided at \geq 300% with Manual Reset			
Over Temperature Protection	Provided at \geq 85deg. C			
Change Over Time				
In UPS Mode	\leq 15 milliseconds			
In Normal Mode	\leq 50 milliseconds			
Battery Parameter (Per Battery)				
Boost Voltage	Mode b0 : 14.1 VDC \pm 0.2 VDC			
Float Voltage	Mode b0 : 13.8 VDC \pm 0.2 VDC			
	Mode b1 : 13.6 VDC \pm 0.2 VDC			
	Mode b2 : 13.6 VDC \pm 0.2 VDC			
	Mode b3 : 13.8 VDC \pm 0.2 VDC			
Low Battery Warning	Mode b0 : 11.0 VDC \pm 0.2 VDC			
	Mode b1 : 11.0 VDC \pm 0.2 VDC			
	Mode b2 : 10.7 VDC \pm 0.2 VDC			
	Mode b3 : 10.6 VDC \pm 0.2 VDC			
Low Battery Cut	Mode b0 : 10.8VDC \pm 0.2 VDC			
	Mode b1 : 10.8 VDC \pm 0.2 VDC			
	Mode b2 : 10.5 VDC \pm 0.2 VDC			
	Mode b3 : 10.4 VDC \pm 0.2 VDC			
Environment				
Forced Cooling	Through Cooling FAN			
Humidity	0-90% Non Condensing			
Operating & Storage Temperature	0-45deg. C			
Display Parameters				
Display Type	LCD + LED DISPLAY (GRAPHICAL REPRESENTATION)			
Parameters	Mains voltage, Charging current, Battery Charging / Charged show in battery symbol, Battery Voltage, Load voltage , Load current DC, Load percentage, UPS mode, battery mode, charging mode, Low Battery, Over-load, Short Circuit, Over Temperature, Mains MCB Trip			
LED Indication				
Mains LED	Continuous ON when mains available			
Switch Press LED	Blink when any switch pressed			
System on backup LED	Blinking when system on backup and mains unavailable			
Fault LED	ON when system in Fault condition			
Note : Specifications and models subject to change without prior notice				