

POWERMASTER AHA Series True On-Line

- ~ Double conversion, IGBT module, true on-line isolation UPS
- ~ Single control board design for easy maintenance
- ~ User friendly design and simple operation
- ~ Wide input range suitable for harsh power environment
- ~ Constant power, special overload capacity design
- ~ Built-in high capacity battery charger for long backup time
- ~ Front panel LCD display for UPS status

**Technical Specifications**

MODEL		AHA 303B-DX	AHA 303-DX
Capacity		3 kVA / 2.1 kW	3 kVA / 2.1 kW
	Voltage	Single phase 230 VAC +/-25%	
	Frequency	50 Hz / 60 Hz +/-5%	
OUTPUT	Voltage	Single phase 230 VAC (+/-5% adjustable)	
	Voltage Regulation	+/-2%	
	Frequency	50 Hz / 60 Hz	
	Frequency Stability	+/-0.5% (Free Running)	
	Transient Response	+/-3% (100% load variation)	
	Waveform	Sinewave THD , 3% at 0 – 100% linear load	
	Overload Capability	110 - 150% for 30 seconds, 150% constant power	
	Power Factor	0.7 - 1, lag	
	Crest ratio	3:1	
	BATTERY	Voltage	192 VDC (HR1214W x 16 pcs)
Charger		1A charger built-in (Option for 5A charger)	
EFFICIENCY	AC to AC	>85%	
TRANSFER	AC Fault	Zero	
PROTECTION	Battery	Battery low shutdown and breaker	
	Overload	150% for 30 seconds. Switch to by-pass line with auto re-transfer	
	Short Circuit	Current Limited and Cut-Off. Fuse and breaker protection	
	UPS Fault	By-pass, load supplied from mains in less than 2ms	
	EMI / EMC	EN50091-1 Approved	
AUDIBLE ALARMS	Mains Failure	Sounding every four seconds after mains fail. Alarm mutes after 90 seconds	
	Battery Low	Sounding once very second as battery approaches low voltage	
	Overload / UPS Fault	Continuous	
INDICATOR	LCD	UPS state, IP & OP voltage, IP & OP frequency, Battery voltage, Loading %	
	LED	Utility LED (green), Inverter LED (green), Battery Low (amber), Bypass LED (amber), Fault LED (red), Overload (amber)	
INTERFACE	Contact Closure	Support MEGATEC RUPS UPS monitoring software	
	RS-232	Supports MEEGATEC RUPSII / UPSilon 2000 UPS monitoring software	
ENVIRONMENT	Operating Temp.	0 – 40 degrees C	
	Relative Humidity	20 – 90% non-condensing	
	Audible Noise	Less than 45dBA (at 1 meter)	
PHYSICAL	Net Wt / Batt. Wt (kgs)	60	37 / 57
	Net Dimension (wdh)	180 x 540 x 500 mm	180 x 500 x 360 mm x 2 boxes (Batteries in external cabinet)

Note : Specifications subject to change without prior notice

For more product information, please contact :

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