


# POWERMASTER True On-Line UPS

<b>Model</b>		<b>AHA-6kVA</b>	<b>AHA-10kVA</b>
<b>Capacity</b>		<b>6kVA / 4.2 kW</b>	<b>10kVA / 7 kW</b>
			
<b>Input</b>	Nominal Voltage	1P2W 220Vac	
	Voltage Range	176~276Vac	
	Frequency	50Hz or 60Hz +/- 4Hz	
	Power Factor	>= 0.98	
	Voltage	220Vac +/- 1% (230V or 240V re-settable via LCD panel)	
<b>Output</b>	Frequency	50Hz or 60Hz +/- 4Hz Synchronized (Line Mode), 50Hz or 60Hz +/-0.5% (Battery Mode)	
	Wave-form	True Sine wave	
	Voltage Distortion	=<2% THD (Linear Load), =<6% THD (Non-Linear Load)	
	Crest Ratio	3:1	
	Type	Maintenance free sealed lead-acid battery	
<b>Battery</b>	Capacity	12V / 7Ah * 20pcs	12V / 9AH * 20pcs
	Charger (Option)	Built-In 4.2A Charger	
	Built-In Charger	2A	
	Back-up (Full load)	8 mins.	5 mins
<b>Bypass</b>	Automatic	Overload and UPS failure	
	Transfer Time	0 ms ( AC to DC & Inverter to Bypass)	
<b>Overload</b>	Line Mode	105 – 130% Transfer to bypass after 10ms >130% Transfer to bypass after 1s, shutdown after 1min	
	Battery Mode	>105% shutdown after 10s	
<b>Indicator</b>	LCD	UPS status, I/P&O/P Voltage & Frequency, Load %, Battery Voltage, Temperature, Event Log	
	LED	Normal (Green), Warning (Yellow), Fault (Red)	
<b>Audible Alarm</b>	Battery Mode	Beeping every 4 seconds	
	Battery Low	Beeping every second	
	Overload	Beeping twice per second	
	Fault	Beeping Continuously	
<b>Interface</b>	RS-232 Interface	UPSilon 2000 monitoring software	
	SNMP	For Net Agent II (Option) with SNMP manager and Web browser	
<b>Network</b>	Surge Protection	RJ45 I/O port available for 10 base-T network or Fax / Modem	
	Temperature	0-40 degree C; 32-104 degree F	
<b>Environment</b>	Humidity	20-90% non-condensing	
	Acoustic Noise	Less than 55dBA (at 1 meter)	
<b>Net Weight</b>	w/o battery	40kgs	44kg
	w/ battery	90kgs	99kgs
<b>Dimension (WxHxD)mm</b>	Tower Case	260 x 717 x 570	

Specifications are subject to change without prior notice.

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