



Soltec

The professional power people

AHA Series

On-line UPS 3-10kVA



Features

- True sine wave, double conversion, on-line isolated UPS
- Microprocessor control, IGBT module and PWM technology
- Wide input voltage range and generator compatible
- Special air-flow control, designed for harsh environment
- DC start and automatic self-diagnostic function
- LCD and LED display UPS status and internal message
- Built-in high capacity charger for long backup time.
- Smart computer interface and SNMP management capability
- Full protections: overload, over voltage, short circuit, over temperature etc
- Front door installation and maintenance
- User-friendly compact design

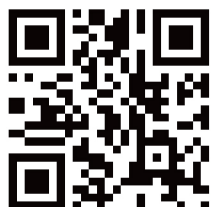
AHA Series

On-Line UPS 3-10kVA

Specification

MODEL	AHA-303-DX	AHA-373-DX	AHA-503-DX	AHA-603-DX	AHA-803-LX	AHA-104-LX
Capacity	3kVA/2.1kW	3.75kVA/ 3kW	5kVA/ 4kW	6kVA/ 4.8kW	8kVA/ 6.4kW	10kVA/ 8kW
INPUT						
Voltage	1P2W, 220Vac					
Voltage Range	-15%, +25%	-15%, +25% or -30%, + 40% (with AVR option)				
Frequency	50Hz or 60Hz ± 5%					
OUTPUT						
Voltage	1P2W 220Vac ± 5% (Adjustable)					
Frequency	50Hz or 60Hz					
Voltage Regulation	± 1%					
Frequency Stability	± 0.5% (Free running)					
Transient Response	± 3% (100% Load variation)					
Waveform	Sine wave					
Distortion	< 3% at 0-100% (Linear load)					
Overload Capacity	110~150%: 30 sec, >150%: constant power	120%: 30 sec,>150%: constant power				
Power Factor	0.7-1, lag					
Crest Ratio	3 : 1					
BATTERY						
Voltage	192Vdc					
Charger	1A charger build in	5A charger build in, 10A charger(Option)				
EFFICIENCY						
AC to AC	>85%					
TRANSFER TIME						
AC Fault	Zero					
PROTECTION						
Battery	Battery low shutdown and breaker					
Overload	120~150%: 30 seconds, then switch to bypass line & automatic re-transfer					
Short Circuit	Current limited and cut-off and fuse and breaker					
UPS Fault	Bypass, load supplied from mains less than 2ms					
AUDIBLE ALARM						
Mains Failure	Sounding every four seconds after mains fail, 90 seconds mute					
Final Discharge	Sounding once every second as battery approaches					
Overload	Continuously					
UPS Fault	Continuously					
INDICATOR						
LCD	UPS status, I/P&O/P voltage/frequency,battery voltage, loading %, history record					
LED	Utility LED (Green), Inverter LED (Green), Battery low (Yellow) Bypass voltage (Yellow) Fault LED (Red), Overload (Yellow)					
INTERFACE						
Contact Closure	Support MEGATEC RUPS UPS monitoring software					
RS-232	Support MEGATEC RUPSII / UPSilon 2000 monitoring software					
ENVIRONMENT						
Operation Temperature	0 - 40 °C (32 - 104 °F)					
Relative Humidity	0-90% (non-condensing)					
Audible Noise(At 1M)	< 45dBA					
PHYSICAL						
Net Weight(Kg)	57 with built-in battery	104	108	111	157	158
Dimensions(WxHxD)mm	180*360*500	230*685*578			480*845*340	

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



Soltec
The professional power people

SOLTEC POWER CO., LTD

No.37,Yunke Road,Sec.3,Douliu City,Yunlin,Taiwan

TEL:+886-5-551-1017 Fax:+886-5-551-0027

http://www.soltec.com.tw E-mail: soltec@soltec.com.tw

sales@soltec.com.tw