



Soltec

The professional power people

AHA-H-V Series

On-line UPS 6kVA and 10kVA



Features

- True sine wave, double conversion, on-line UPS
- Wide input range designed to operate under harsh environment
- High input power factor and DC-start function
- Output power factor 1
- Emergency power off function (EPO) connector
- Communication ports selectable: smart RS232, USB and SNMP(option)
- LED and LCD display for detail status and data; real-time alarm silence
- Light weight and compact size, easy to transport and place

AHA-H-V Series

On-Line UPS 6kVA and 10kVA

Specification

MODEL	AHA-603H-V	AHA-104H-V	AHA-603HR-V	AHA-104HR-V
Capacity	6KVA/6KW	10KVA/10KW	6KVA/6KW	10KVA/10KW
INPUT				
Nominal voltage	220Vac ; 1P2W+G			
Nominal frequency	50Hz / 60Hz			
Outlet	Terminal blocks			
Voltage range	110Vac~300Vac [load <50%]			
Low voltage transfer	110Vac [load <50%]			
Low voltage transfer	110Vac + 2.2* (load%-50%) [load 50%~80%]			
Low voltage transfer	176Vac [load>80%]			
Power factor	≥ 99% [100% RCD load, nominal input voltage, nominal load, full battery]			
BATTERY				
Type/Number	Seal Lead Acid battery 12V*20pcs			
Built-in	1 set (12V*20pcs)		N/A	
Charging voltage	273Vdc			
Charging current	1A / 2A / 3A / 4A [Max: 4A]			
OUTPUT				
Voltage	208/220/230 or 240Vac [power derating 90% for 208Vac] ; 1P2W+G			
Frequency	50Hz / 60Hz ± 0.1Hz			
Outlet	Terminal blocks + IEC outlet * 2		Terminal blocks	
Wave-form	True sine wave			
Power factor	1			
Frequency lock range	50Hz / 60Hz ± 0.1Hz			
Overload (Line mode)	100%~110% : 10 minutes ; 110%~130% : 1 minute ; >130% : 1 second			
Overload (Battery mode)	100%~110% : 30 seconds ; 110%~130% : 10 seconds ; >130% : shutdown immediately			
Transfer time	0ms			
EFFICIENCY				
Line mode	93% [R load 100%]			
Battery mode	91% [R load 100%]			
DISPLAY				
LED	Yes			
LCD	Yes			
Alarm	Yes			
COMMUNICATION				
connector	RS232*1 / Intelligent slot*1			
Interface card	Option : USB , AS400 or SNMP			
ENVIRONMENT				
Audible noise	<55dB@1M	<58dB@1M	<55dB@1M	<58dB@1M
Operating humidity	<95% ; non-condensing			
Operating temperature	0-40°C			
Altitude	<1000m for nominal power [>1000m the power derating is 1% every 100m]			
PHYSICAL				
Dimension (W*D*H) mm	260*550*740mm		440*605*88mm	
Weight (with battery)	81.5 kgs	84 kgs	N/A	N/A
Weight (without battery)	31 kgs	33.5 kgs	14 kgs	16.5 kgs
Specification are subjected to change without further notice.				



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