



Specification of **AHS** 4 in 1 line-interactive inverter **1.kva ~ 3.6kva**

Model		AHS-123	AHS-243	AHS-363	
Capacity		1.2KVA / 800W	2.4KVA / 1600W	3.6KVA / 2400W	
Input	Nominal Voltage		230Vac/120Vac		
	Voltage Range	Acceptable Voltage Range	120-270Vac ; 60-135Vac		
		Frequency	50Hz / 60Hz ( 45Hz - 70Hz)		
		Line Low Transfer	120VAC ± 2% ; 60VAC ± 2%		
		Line Low Return	130VAC ± 2% ; 65VAC ± 2%		
		Line High Transfer	270VAC ± 2% ; 135VAC ± 2%		
		Line High Return	260VAC ± 2% ; 130VAC ± 2%		
Output	Voltage		230Vac (220V or 240VAC re-settable via LCD panel); 120Vac (110V or 115VAC re-settable via LCD panel)		
	Voltage Regulation	Line Mode	Follow Ac Line Voltage		
		Battery Mode	< 3% RMS for entire battery voltage range		
	Frequency Regulation	Line Mode	Follow Ac Line Hz		
		Battery Mode	50Hz or 60Hz ±0.1Hz		
	Power Factor		0.67		
	Efficiency		80%		
	Waveform		Pure Sinewave		
Overload Protection	Line Mode	Circuit Breaker			
	Battery Mode	110%~150% for 30 sec.,>150% for 200ms			
Transfer Time	Typical		< 8 ms.		
Battery	Battery Voltage		12Vdc	24Vdc	24Vdc
	Backup Time (at full load)		long time available		
	Max. Charging Current (5 steps selectable)		> 40A	> 50A	
Display LCD	LCD		UPS status, I/P&O/P Voltage Frequency, Load%, Battery Voltage & %, Charge current, Temperature, Model		
	LED		Normal (Green), Warning (Yellow), Fault (Red)		
Audible Alarm	Battery Mode		Beeping every 4 seconds		
	Low Battery		Beeping every second		
	UPS Fault		Beeping Continuously		
	Overload		Beeping twice per second		
Environment	Operation Temperature		0-40 degree C; 32-104 degree F		
	Relative Humidity		0-95% non-dondensing		
	Audible Noise		Less than 55dBA (at 1M)		
Physical	Net Weigh (Kgs)		12	24	31.50
	(WxHxD)mm Rack Mount		440*132*292	440*132*360	440*132*360
	(WxHxD)mm Wall Mounted		298*400*150	298*450*190	298*450*190

\* Specifications are subjected to change without prior notice.