

Specification of AHS 1.2KVA/2.4KVA/ 3.6KVA/ 5KVA/ 6KVA/ 8KVA								
Model			AHS-123	AHS-243	AHS-363	AHS-503	AHS-603	AHS-803
Capacity		VA / Watt	1.2KVA/800W	2.4KVA/1600W	3.6KVA/2400W	5KVA/4000W	6KVA/6000W	8KVA/8000W
Input	Nominal Voltage		110/115/120Vac or 220/230/240Vac					220/230/240Vac
	Voltage Range	Acceptable Voltage Range	60~135Vac or 120~270Vac					120~270Vac
		Frequency	45Hz ~ 70Hz Auto-sensing					
		Low Voltage Transfer	60Vac+/-2% ; 120Vac+/-2%					120Vac+/-2%
		Low Voltage Return	65Vac+/-2% ; 130Vac+/-2%					130Vac+/-2%
		High Voltage Transfer	135Vac+/-2% ; 270Vac+/-2%					270Vac+/-2%
		High Voltage Return	130Vac+/-2% ; 260Vac+/-2%					260Vac+/-2%
Output	Voltage		110/115/120Vac or 220/230/240Vac re-settable via LCD panel					
	Voltage Regulation(Bat. Mode)		<3% RMS for entire battery voltage range					
	Frequency Regulation	Line Mode	Synchronized to AC Main					
		Battery Mode	50Hz or 60Hz ±0.1Hz					
	Power Factor		0.67			0.8	1.0	
	Wave Form		Pure Sine wave					
	Effeciency		>75%	>80%				
	Overload Protection	Line Mode	>110%,then Buzzer Alarm and Amber LED Blink Continuously.					
		Battery Mode	110%~150% for 30 sec; >150% for 200ms, then UPS Shuts Down					
	Short Circuit Protection	Line Mode	Circuit Breaker					
Battery Mode		Electronic Circuit						
DC Start	Cold Start		Yes					
Transfer Time	Typical		< 8 ms.					
Battery	Battery Voltage		12Vdc	24Vdc			48Vdc	
	Backup Time		Base on the batteries connected					
	Recharging Current		>40A	>50A			>60A	
Control Panel	LCD Display		UPS status, I/P&O/P Voltage Frequency, Load Level, Battery Voltage & Level, Temperature, Model					
	LED Display		Normal (Green), Warning (Amber), Fault (Red)					
Audible Alarm	Battery Mode		Beeping every 4 seconds					
	Low Battery		Beeping every second					
	UPS Fault		Beeping Continuously					
	Overload		Beeping twice per second					
Parameter Re-settable			Voltage,Frequency,5 steps Charge current					
Environment	Operation Temperature		0-40 degree C; 32-104 degree F					
	Relative Humidity		0-95% non-condensing					
	Audible Noise		Less than 55dBA (at 1M)					
Physical	Wall Mounted Type(W*H*D)mm		298*400*150	298*450*190	298*450*190	415*600*260	415*600*260	415*600*260
	Wall Mounted Type Net Weight (Kgs)		14.8	23.0	24.2	49.2	51.4	53.6
Safety Conformance	Safety Standard		EN62040-1-1					
	EMC		EN62040-2					
	Marks		CE, cUL, UL					

Mark:Specifications are subjected to change without prior notice.