



ASEP Industrial Electronics Co., Ltd

ADD:No.1 -2, Dongqu 6th Rd,Luocun Lianhe Industrial Area,Foshan,GuangDong China

Tel:+86-757-63379717 Web: www.asep.com.cn E-Mail: asepu@126.com

ASEP Hermes Series Online High Frequency



Our website

Model No:	AHC6K/10K
Capacity:	6KVA ~ 10KVA
Place of Origin:	China
Payment Terms:	TT/Negotiable
Shipping Size:	Depends
Weight:	20KG~64KG
Minimum Order:	1Pcs
Brand Name:	ASEP



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Technical Specification

Type		6 kVA	10 kVA
Capacity		5.4 kW	9 kW
AC INPUT	Input	Single phase & Ground	
	Power factor	≥ 0.99(input THDV ≤1%)	
	Rated voltage	220VAC / 230VAC / 240VAC	
	Rated frequency	50Hz/60Hz Automatically selected	
	Voltage range	120 ~ 276Vac	
	Frequency range	45~65Hz	
	Bypass voltage range	220Vac max : default +25% (+10% ,+15% , 20% , 25%)	
		230Vac max : default +20% (+10% ,+15% , 20%)	
		240Vac max : default +15% (+10% ,+15%)	
		min : default-45%(-20% , -30% , -45%,)	
Bypass frequency range	±1%、 ±2%、 ±4%、 ±5%、 ±10%		
THDI	≤3% (100% liner load , input THDV ≤1%)		
	≤5% (100% non liner load , input THDV ≤1%)		
BATTERY	Battery number	16/18/20 Pcs. Can be set	
	Battery type	VRLA	
	Charge model	Boost charge or float charge auto switch	
	Charge time	Boost charge up to 20Hr(Max)	
	Charge current (MAX.)	6A(H) 1A(S)	
AC OUTPUT	Output type	Single phase & Ground	
	Voltage regulation	±1.0%	
	Voltage distortion(THD)	less than 2% at 100% liner load	
		less than 5% at 100% non-liner load	
	Rated voltage	220V/230V/ 240Vac can be setted	
	Frequency regulation	±0.1% (stand alone)	
		±0.25% (parallel operation)	
	Frequency	Utility mode : tracking mains frequency	
Battery mode : 50Hz/60Hz			



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	Frequency track speed	1Hz/s (stand alone)
		0.5Hz/s (parallel operation)
	load capacity (Mains, drop a level in battery mode)	105 % ~ 110 % , lasts 1 hour
		110% ~ 125%,lasts 10 minutes
		125% ~ 150%, lasts 1 minute
		> 150% , switch to bypass immediately
AC OUTPUT	Overload for bypass	> 95%, can not inverter-fed
		Load for a long time when rated output current under 125%
		Bypass load capacity is controlled by bypass circuit breaker, tripping when circuit breaker operating current.
	Crest factor	3:1
	Efficiency at AC	≥90%
	Dynamic respond	± 5.0% (100% balance load)
		≤5% in a cycle
	Inverter output current limit	When current instantaneous value is 2 ~ 3 times of rated current peaks (1.414 * rated power/(3 * 220)), the inverter will be conducted in each pulse current limit protection.
DC component	≤200mV	
Switch time	Between Normal and battery mode	0ms
	Between inverter and bypass	0ms
		< 15ms (50Hz) , < 13.33ms (60Hz)
Noise	<55dB (1m)	
Display	LED+LCD	
Safety	Meeting IEC62040-1 , GB4943	
Max input voltage	320Vac , 1 hour (static)	
EMI	Conduction : IEC 62040-2	
	Radiation : IEC 62040-2	
	Harmonics : IEC 62040-2	
EMS	IEC 62040-2	
Isolation resistance	> 2MΩ (500Vdc)	
Isolation intension	2820Vdc , <3.5mA , 1min	

Surge	Meeting IEC60664-1 1.2/50uS+8/20uS 6kV/3kA.
Protection	IP20
Parallel circumfluence	$1 + 1 \leq 8\%$, $N + 1 \leq 3\%$
Parallel equal current	$1 + 1 \leq 8\%$, $N + 1 \leq 10\%$

Enviroment	Model	AHC1K/2/3 series
	Temperature	0°C ~ 40°C
	Relative humidity	0 ~ 95% non-condensing
	Altitude	< 1500m. when > 1500m, lower the rated power for use
	Store temperature t	-25°C ~ 55°C

Physical	UPS TYPE	Long backup unit (6K/10K)		Standard unit	
	Height [mm]	438		616	
	Width [mm]	220		250	
	Depth [mm]	480		502	
	Weight[kg]	6K	10K	6K	10K
	Net weight[kg]	18	20	62	64
	Color	Black		Black	

Display

