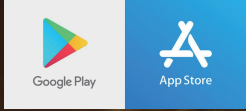


remember every joyful moment

Copia
AC Couple
WH-SPA3.68H
WH-SPA5.0H



Expandable, up to 12kWh



Compact Light

Its super small size and weight of 11kg rely on our minimalist design. Plug and play feature makes it easy to install and piece of ark work in your home.



UPS Ready

Switch to UPS within 10ms, no harm to electrical appliance. High efficiency, ip65 waterproof and other waterproof and other functions are all available.



Customized Modes

Self-power, Load shifting and back-up modes can be customized in eCactus APP/Web, which can help you achieve the best energy consumption goal.



Smart Monitoring

7/24 smart monitoring by ECOS. Help you manage your home energy consumption and continuously reducing the carbon footprint

Copia Technical Specs

	WH-SPA3.68H	WH-SPA5.0H
Battery		
Type	Li-Ion	
Battery Voltage Range[V]	85-450	
Start-up Voltage	90	
Max. charge / discharge current[A]	25	25
AC Output/Input Data(On-grid)		
Nominal AC power[W]	3680	5000
Max.Apparent power output to Utility Grid[VA]	3680	5000
Max.Apparent power output from Utility Grid[VA]	7200	10000
Rated grid voltage[V]	230	
Rated frequency[Hz]	50/60	
Rated AC current to Utility Grid[A]	16	21.7
Max AC current From Utility Grid[A]	32	43.4
Displacement power factor	~1(-0.8- -0.8)	
Thdi(@Rate power)	<3%	
EPS output(with battery)		
EPS rated power [VA]	3680	5000
Apparent power@Peak value[VA]	4320.60SEC	6000.60SEC
Rated/MAX.Output Current(A)	16/18	21.7/24
Switch time between on grid and off grid [ms]	<10	
Rated voltage[V]	230(+ -2%)	
Rated frequency[Hz]	50/60(+ -0.2%)	
Thdv(Linear laod)	<3%	
Efficiency		
Max. efficiency	96.8%	96.8%
Protect		
Over voltage or low voltage of battery	Integrated	
Opout short ciucuit	Integrated	
Anti-island	Integrated	
Insulation Resistor detection	Integrated	
Residual Current detection	Integrated	
Output over voltage	Integrated	
Opout over current	Integrated	
Certification		
Safety	IEC62109-1, IEC62040-1, EC62477-1	
EMC	EN61000-6-1/2/3/4	
Normal parameter		
Dimensions (W*H*D)[mm]	370*317*146	
Weight[Kg]	11	
Installation mode	Wall Bracket	
Operating temperature rage(°C)	-35~60	
Humidity	0~95%	
Altitude[m]	4000	
Protection class	IP65	
Topology	Transformerless	
Standby consumption[W]	<10W	
Cooling concept	Natural Convection	
Noise emission(typical)[dB]	<25	
Display	LED&APP	
BMS communication BMS	CAN&RS485	
Ammeter communication	RS485	
Network communication	R485, Wi-Fi	

Smax=Srated for AS/NZS 4777.2

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