

PowerTile-CS5000-X-P

LOW VOLTAGE STACK-BASED ENERGY STORAGE POWER SUPPLY



- 1 Homestyle design, elegant and beautiful
- 2 Multiple working modes (solar priority, utility priority, inverter priority)
- 3 Easy installation and maintenance, plug and play
- 4 Possess ISO/Android. App to monitor
- 5 Single battery 5.12kWh, expandable up to 20.48kWh
- 6 Multiple protection and alarm system, safe and reliable

Parameters/ Model		CS5000-5-P	CS5000-10-P	CS5000-15-P	CS5000-20-P
Mains input parameters	Mains max charge current	60A			
	Rated input voltage	220/230/240V			
	Input Voltage Range	UPS mains mode;170~280V;APL generator mode 90~280V			
	Frequency	50/60Hz(automatic detection)			
	Conversion time (bypass and inverter)	10ms (typical value)			
	Maximum bypass overload current	40A			
PV input parameters	Number of MPPTs	1			
	PV OCV	145V			
	PV Operating voltage range	60~145V			
	MPPT voltage range	60~115V			
	Max PV input current	50A			
	Max input power	4400W			
AC Output Parameters	PV Max charge current	80A			
	Output voltage waveform	Pure sine wave			
	Output voltage	230A (220/240A)			
	Rated output power	5000W/VA			
Battery Parameters	Output frequency range	50/60Hz±0.3Hz			
	Rated voltage	51.2V			
	Voltage Range	45~57.6V			
	Energy	5.12kWh	10.24kWh	15.36kWh	20.48kWh
	Max discharge rate	1C			
	Maximum charge and discharge rate	0.5C			
Operating conditions	Battery Type	LFP			
	Operating temperature range	0~45°C			
	Storage temperature range	-15~60°C			
	Humidity	5~95%			
	Cooling Method	Air cooling			
	Weight	80Kg	130Kg	180Kg	230Kg
Others	Size (W*D*H)	725*515*350mm	725*515*490mm	725*515*630mm	725*515*770mm
	Communication port	WIFI/ RS485			
	Certification	IEC62619、IEC62109、CE-EMC			



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