

STACK-BASED ENERGY STORAGE

POWERTILE CS 5000 X P



1. Homely style. Elegant and beautiful.
2. Single-phase European standard and single-phase American standard design. Supporting multi-system grid voltage standards.
3. Multiple working modes (photovoltaic priority, mains priority, inverter priority).
4. Simple installation and maintenance. The customized design meets the requirements of different customers.
5. Possess iOS and Android app monitoring.
6. Single battery 5.12 kWh. Expandable up to 20.48 kWh.
7. Multiple protection and alarm systems. Safe and reliable.



Parameters/model		CS 5000 5 P	CS 5000 10 P	CS 5000 15 P	CS 5000 20 P
Grid input parameters	Grid maximum charge voltage	60 A			
	Rated input voltage	220 / 230 / 240 V			
	Input voltage range	UPS grid mode 170 V – 280 V; APL generator mode 90 – 280 V			
	Frequency	50 / 60 Hz (automatic detection)			
	Conversion time (bypass and inverter)	10 ms (typical value)			
	Maximum bypass overload current	40 A			
PV input parameters	Open-circuit voltage	145 V			
	Operating voltage range	60 ~ 145 V			
	MPPT voltage range	60 V ~ 115 V			
	Maximum input current	50 A			
	Maximum input power	4400 W			
	Maximum charge current	80 A			
Battery parameters	Rated voltage	51.2 V			
	Voltage range	45 ~ 57.6 V			
	Energy	20.48 Wh			
	Standard charge / discharge current	0.25 C / 0.5 C			
	Maximum charge / discharge current	0.5 C / 1 C			
	Battery type	LFP			
	Operating temperature range	0 ~ 45 °C			
	Storage temperature range	-15 °C ~ 60 °C			
AC output parameters	Rated power	5000 W / VA			
	Rated output voltage	220 / 230 / 240 / Vac			
	Rated frequency	50 / 60 Hz			
	Output waveform	Pure sine wave			
	Output voltage	230 A (200 / 240 A)			
	Output frequency range	50 / 60 Hz ± 0.3 Hz			
Working conditions	Humidity	5 % ~ 95 %			
	Cooling method	Air cooling			
	Weight	237 kg			
	Size	725 x 515 x 770 mm			
	IP class	IP 20			
	Installation method	Placed on floor			
	Communication port	RS485 / WiFi (optional)			