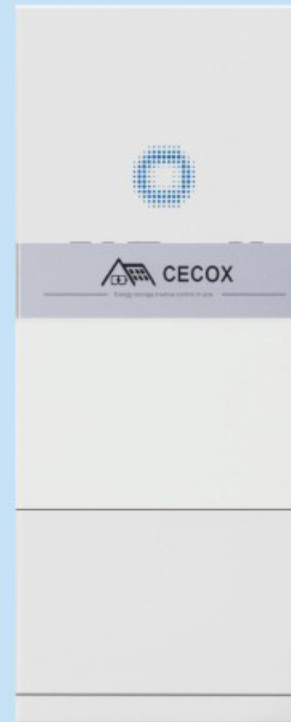


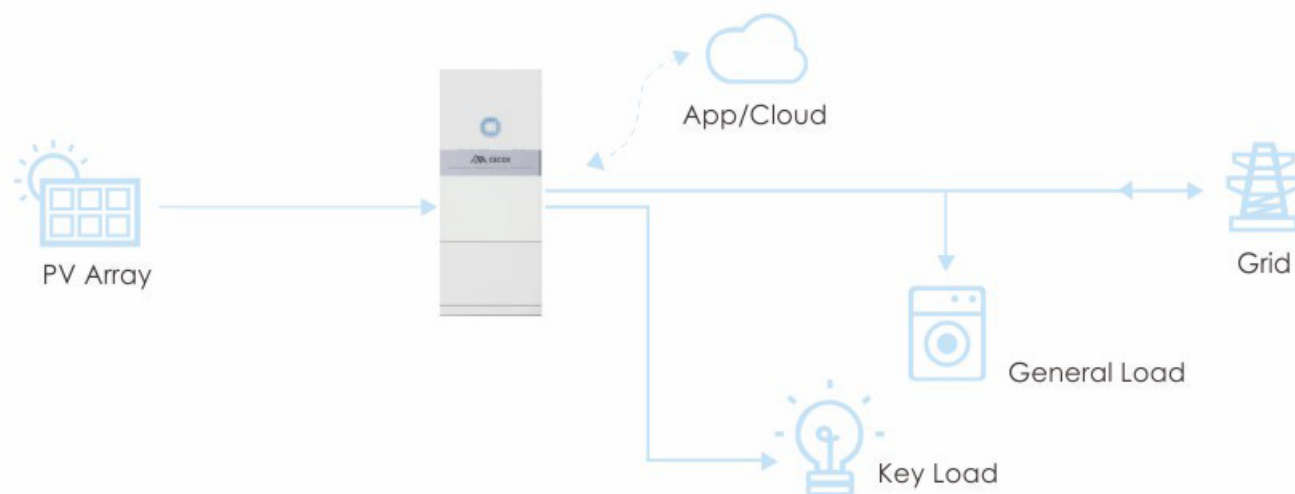
ALL IN ONE ENERGY LITHIUM BATTERY

Power One All-in-one Energy Storage System

Featured practical functions, OTA diagnosis & upgrade and plug & play installation, PowerOne makes on-site installation and maintenance easy and convenient. Its compact design with built-in hybrid inverter occupies less space, and aesthetic appearance fits your smarthome in modern life.



- Flexible energy storage capacity
5kWh/10kWh/15kWh
- Wifi & cloud platform
Remote management & maintenance
- Long life LFP Cell
Multiple battery protection
- Strong load adaptability
UPS function, 10ms on/off grid switchover



Technical Parameters

Product Model	PowerOne 3000	PowerOne 4000	PowerOne 5000	PowerOne 6000	
HYBRID INVERTER	Off-grid Output				
	Nominal Output Power	3000W	4000W	5000W	6000W
	Nominal Voltage	220V/230V/240V			
	Nominal Frequency	50/60Hz			
	Nominal Output Current	13.6A	18.2A	22.7A	27.2A
	Nominal Output THDu	<2%			
	On-grid Parameter				
	Nominal Output Power	3500W	5000W	6000W	6000W
	Max. Input Current	20A	26.67A	27.5A	27.5A
	Nominal Grid Voltage				
	Max. Output Current	13.6A	22.7A	27.2A	27.2A
	Input Voltage Range	184-264V			
	Nominal Frequency	45-65Hz			
	PV Input				
	Max. Input Power	4500Wp	6000Wp	8000Wp	9000Wp
	Starting Voltage	75V			
	Max. Input Voltage	600V			
	MPPT Operating Voltage Range	80-550V			
	Full Load MPPT Operating Voltage Range	300-500V			
	Number of MPPT	2			
Nominal Input Voltage	360V				
Max. Input Current	13A				
Battery Parameter					
Battery Type	LFP (LiFePO4)				
Nominal Battery Voltage	51.2V				
Battery Voltage Range	42-60V				
Max. Charge/Discharge Current	75A/75A	85A/85A	100A/100A	100A/100A	
Max. Charge/Discharge Power	3750A/3750A	4250W/4250W	5000W/5000W	5000W/5000W	
Efficiency					
Max. Efficiency	97.5%	97.8%	98.0%	98.0%	
European Efficiency	97.2%	97.3%	97.5%	97.5%	
Max. Charging/Discharging Efficiency	94.6%/94.6%				
Protection	PV Insulation Resistance Detection, Residual Current Monitoring, Anti-island Protection, PV Reverse Polarity Protection, AC Over current Protection, AC Short Circuit Protection, AC Over voltage Protection, Surge Protection.				
BATTERY	Module Model	LV5320-S2			
	Battery Type	LFP 16S1P			
	Rated Capacity	5.32kWh			
	Usable Capacity	5.05kWh			
	Nominal Voltage	51.2V			
	Working Voltage	43.2-57.6V			
	Max. Charge/Discharge Current	50A/100A			
	Scalability	Recommended ≤3			
	Weight	45kg			
	Dimensions(W*H*D)	640mm*180mm*400mm			
Cycle Life	>6000(25°C)				
SYSTEM	Number of module	1	2	3	
	Rated Capacity	5.32kWh	10.64kWh	15.96kWh	
	Max. Battery Charge Power	3750W/4250W/5000W/5000W			
	Max. Battery Discharge Power	3750W/4250W/5000W/5000W			
	Nominal Voltage/Off-grid	220V/230V/240V			
	Operating Temperature	Charge: -10~50°C Discharge: -20~50°C			
	Operating Humidity	0~95%(No Condensation)			
	Storage Temperature	0°C~45°C(Recommended)			
	Storage Humidity	≤85%(RH)			
	Display	LED, App			
	Communication	RS485, CAN, WIFI			
	Cooling Type	Natural cooling			
	Operation Altitude	2000m			
	Ingress Protection Grade	IP65			
	Weight	72kg	117kg	162kg	
Dimensions(W*H*D)	640mm*180mm*1150mm	640mm*180mm*1550mm	640mm*180mm*1950mm		
Certificates & Standard	IEC62109-1:2011, IEC62109-2:2011, EN62109-1:2010, IEC62619-2017, EN62109-2:2011, EN 1000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, VDE-AR-N 4105, VDE V 0126-1-1, G98/G99, CEIO-21, EN50549, RD 1699, NRS 097-2-1, AS 4777.2, R25, CE, UN 38.3				