

# PowerEco-60kW/120kWh NEW

**COSPOWERS**

## Application Field

Domestic Solar and Energy Storage  
Charging Station, Microgrid, Office  
Building



Flexible expansion,  
versatile all-in-one design,  
compatible with multiple  
application scenarios



Utilizes sodium-ion  
batteries with  
excellent high and low  
temperature performance



Highly integrated  
design combining  
AC and DC systems



Touchscreen  
monitoring and  
cloud-based  
maintenance



With  
AFCI-enabled  
function

Parameters/ Model		PowerEco-60kW/120kWh
PV Input Parameters	Maximum Input Voltage	1100Vdc
	MPPT Voltage Range	180-900Vdc
	Rated Power	90kW
	Number of MPPTs	4
AC Grid-tied Parameters	Maximum Input Apparent Power	66kVA
	Maximum Input Active Power	60kW
	Rated Input Voltage	400/230Vac,3W+N+PE
	Maximum Continuous Input Current	100A
AC Off-grid Parameters	Rated Input Frequency	50/60Hz
	AC Off-grid Voltage	400/230Vac,3W+N+PE
	Maximum Continuous Output Current	91A
Battery Parameters	AC Off-grid Frequency	50/60Hz
	Cell Capacity	314Ah-LFP
	Rated Energy	120kWh
	Nominal Voltage	384V
	Operating Voltage Range	336-420V
	C-rate	≤0.5C
System level Parameters	Maximum Charging Current	100A*2
	HMI	7-inch LCD Touch Screen
	Fire Protection System	Perfluorohexanone Fire Extinguishing / Aerosol Fire Extinguishing
	Cooling Method	Air Cooling
	Operating Temperature	-20~55°C
	IP Rating	IP54
	Dimensions (W*D*H)	<1200*1200*2150mm
Weight	<1500Kg	
Other Parameters	Certifications	IEC62619,UL1973,UL9540A,UN38.3,RoHS,MSDS



Cospowers Technology Co., Ltd.

W: WWW.COSPOWERS.COM

A: No.28, Dongqi Road, Dongying City, Shandong Province, P.R.C.

T: +86-546-7768891

Copyright and final interpretation rights belong to Cospowers Technology Co., Ltd.