

C&I ESS

100KW PCS With 215KWH LiFePO4



Product Features:



Higher Safe Performance and Longer Cycle Life
With breaker and fuse



ECONOMIC
Zero power loss through efficient temperature control and frequency variation.



Wide Compatibility
Compatible with most of the leading inverter brands



Advanced Battery Management System
Smart BMS from famous brands, to monitor the battery's temperature, current, prevent over-current and etc. Take good control of the charging and discharging of battery to max. the lifespan



Environmentally Friendly
From reduced carbon emissions to increased energy savings, we've got you covered. It will help reduce your carbon footprint by storing energy from renewable sources like solar power and wind power

Model	PNG100KW-215kWh
Battery Module Data	
Battery Type	LFP 3.2V/280Ah
Battery Pack Capacity	53.76kWh
Battery System Capacity	215kWh
Operating Voltage Range	672 ~ 876V
Number of Temperature Sensor	128
Battery Pack Protection Level	IP67
AC Output Data	
Rated Output Power	100kW
Peak Output Power	110kW
THDi	<3%
Nominal Voltage	380/400Vac, 3L/N/PE
Power Factor	>0.99
Adjustable Power Factor Range	-1 ~ 1 (leading ~ lagging)
Nominal Frequency	50/60Hz
System Data	
Round Trip Efficiency	>89%
Depth of Discharge (DOD)	0 ~ 100%
Cycle Life	≥8000@70%EOL
Communication Interfaces	Ethernet
Protection Level	IP54
Cooling Type	Liquid cooling
Altitude	≤3000m
Operation Temperature	-25°C ~ 55°C
Operation Humidity	0 ~ 95%, non-condensing
Noise	<75dB @1m
Dimension (W*D*H)	1040*1500*2200mm
Fire Protection	Aerosol
Weight	<2500kg
Grid Code	CEI-021/EN 50549-1/EN 50549-2
Safety/EMC	IEC 62619/IEC 60730-1 appended H/IEC 62477-1/IEC 61000-6-2, 4/UN 38.3

Application Scenarios



Refrigerator



Air System



Lighting



Small Home Appliances

