






C&I ESS

40KW PCS With 80KWH 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

Battery Specification	PNG40KW-80kWh
Number of Battery Packs	8
Rated Voltage	409.6V
Voltage Range	358.4~467.2V
Rated Energy	81.92kWh
Max. Continuous Charging and Discharging Current	100A
Communication	RS485/CAN
Cycle Life	6000 times
PV Specification	
Max.PV Input Power	52kW
Rated Input Voltage	600VDC
Max.Input Voltage	1000VDC
MPPT Voltage Range	150~850VDC
PV Input Current	36+36+36+36(A)
AC Side Specification	
AC Rated Input/Output Power	40kVA
AC Max. Input/Output Power	44kVA
AC Rated Input/Output Current	60.7 / 58A
AC Max. Input/Output Power	66.7 / 63.8A
Voltage	3L/N/PE; 230/400V
Frequency	50/60Hz
THDi	≤3%
Power Factor	0.8 leading to 0.8 lagging
System Specification	
Dimension (W*H*D)	840*1045*1870mm
Weight	1050kgs
Communication	CAN/RS485/WiFi/ETH
Warranty	10 years
Protection Level	IP55
Cooling	Air-cooling
Environment temperature	-30°C~50°C
Humidity	10%~95%RH
Altitude	<2000m
Certifications	UN38.3/CE/IEC62619/CEI 0-21/VDE-AR-N 4105/IEC 62109

Application Scenarios

