

C&I PV&ESS AIO Hybrid System

125k-261~783kWh

0.5P



Highly Integrated and Flexible

- Integrate PCS and BESS for various scenarios.
- **Pairing with solar and AC coupled optional.**
- **System Up to Max.10 pcs.**

Smart and Safe

- **AI-driven EMS to guarantee ROI.**
- Multiple safety and double fire protection configurations.
- Easy to operate, supports mobile APP control.

Stable and Efficient

- Intelligent heat control improves efficiency.
- **Maintain performance at extreme cold to -35°C**

Specification

Model	100/125k-261~783kWh
DC (Battery)	
Battery cell (Ah)	LFP 3.2V/314
Pack capacity (kWh)	52.25
Rack configuration	261kWh/1P52S *5
System capacity (kWh)	261/522/783
Rack No.	1/2/3
Battery voltage range(V)	650~950
Cooling type	Liquid cooling
AC (on-grid/off-grid)	
Rated power(kW)	100/125
Rated voltage(V)	380
THDi	< 3%
Unbalanced load capacity	100%
Rated Frequency (Hz)	50/60 (±2.5)
AC connection	3L/N/PE
DC (PV)	
Max. input power (V)	50/100/150
Max. PV open-circuit voltage (A)	1000
PV voltage range (V)	200~900
PV MPPT No.	1/2/3
Max current (A)	80
System	
Weight (t)	3.4/6.0/8.6
Max. system efficiency	90%
Dimensions(W*D*H) (mm)	2200/3300/4400*1350*2200 (without lifting lug) 2200/3300/4400*1350*2275 (with lifting lug)
Configuration	MPPT (Isolation transformer and STS optional)
Firefighting	Aerosol+combustible gas detection
Charge-Discharge rate	0.5P
Protection level	IP54
Max. working altitude (m)	3000 (>2000 derating)
Operating temperature range (°C)	-35~55 (> 45 derating)
Operating humidity range	0~95% (non-condensing)
Heating/cooling system	Automatic insulation in extremely cold weather
Communication interface	RS485/CAN/LAN

*For reference only, actual product drawings shall prevail