

Accessories



X3-PCAB-750kW



High Efficiency

- Supports a maximum switching power of up to 750kW
- Integrated EMS for intelligent monitoring and rapid response
- Millisecond-level switching between grid-connected and off-grid modes



Safer and Reliable

- Supports Type II surge protection
- Supports water ingress alerts, over-temperature warnings, and door lock status feedback
- Certified with IEC 61439-1, IEC 61439-2, IEC 61000, and IEC 60730 standards



Environmental Adaptability

- IP55 protection rating, suitable for outdoor installation
- Supports operation in environments ranging from -30°C to 55°C
- Reliable operation at 3000 meters without derating



Versatile Applications

- Supports connection to diesel generators to ensure stable energy supply
- The energy storage side supports bus integration in the switching cabinet for versatile applications
- Supports building on/off-grid, microgrid, and PV-energy storage-DG solutions

X3-PCAB-750kW

SYSTEM PARAMETERS		
Model	X3-PCAB-750kW-A	X3-PCAB-750kW-B
Rated AC power	750 kW	
Rated AC voltage	3 / N / PE, 230 / 400 V	
Rated AC frequency	50 Hz / 60 Hz	
Rated AC current	1087 A	
Max. AC power	825 kVA	
Max. AC current	1195.7 A	
Transfer between on/off grid	200 ms	
Power limit (grid)	Yes	
Grid breaker	1600 A	
PCS breaker	250 A × 6	-
Load breaker	1600 A	
Ingress protection	IP55	
SPD	Type II	
Operating temperature	-30 ~ 55°C	
Altitude	3000 m	
Dimension (W × H × D)	1050 × 2100 × 1200 mm	
Weight	≤ 800 kg	
Rated short circuit current	40 kA	
Certificates and approvals	IEC61439-1, IEC61439-2, IEC 61000, IEC 60730	

