

Key Parameters of Hybrid Inverter

Key items	Key parameters
Maximum PV input power	6-25kW Household products 35-165kW Industrial and Commercial Distributed Products
Range of PV input voltage	120~550V
MPPT	Household products, 2-6 circuits, maximum input current of 12A for a single circuit, 99.5% of efficiency Industrial and commercial products, 2-20 circuits, maximum input current of 13A for a single circuit, 99.5% of efficiency
Rated AC output power	Household products: 3kW~5kW(Single-phase);5kW~20kW(Three-phase) Industrial and Commercial Distributed Products: 30~150kW
Rated output voltage	230V/400V
Maximum output current	Household products: 42~59V(Single-phase); 160~550V(Three-phase) Industrial and Commercial Distributed Products: 250V~850V(Three-phase, DC high voltage)
Output frequency	50/60Hz
Voltage range of the battery	Household products: 42~59V(Single-phase); 160~550V(Three-phase) Industrial and Commercial Distributed Products: 250V~850V(Three-phase, DC high voltage)
Auto switching time	<0.5S
Operating temperature range	-25°C ~ +60°C
Type of AC grid connections	Single-Phase: 1+N+PE; Three-Phase: 3W+N+PE



Hybrid Inverter



Distributed Industrial and Commercial Hybrid Inverter

Product features

User-friendly: Clear display, simple operation and support remote APP control;

High reliability: IP65 meets the requirements of indoor and outdoor installation; Natural cooling; EASY TO INSTALL;

High flexibility: Wide range of PV and battery inputs;

Grid-friendly: Meet the requirements of multiple countries for network access certification;

Load-friendly: Integrated off-grid mode, and support three-phase unbalanced output (three-phase machine);

High security: Comprehensive protection throughout the system.

Key Parameters of Communication Integrated Power Cabinet (ZPCC0300~ZPCC0750)

Key item	Key parameters				
Product model	ZPCC0300	ZPCC0350	ZPCC0450	ZPCC0550	ZPCC0750
Battery rated voltage	48Vdc				
PV input	60-150Vdc				
AC input	380Vac				
Current of mains rectifier modul	0-300A optional, 150A standard				
Output voltage	42-53.5Vdc				
Protection function	Battery over-voltage protection, under-voltage protection, over-temperature protection, output overload protection, load short circuit protection				
DC distribution unit	Tower Standard 4, User Level 5, Power Off, No. 2 Battery				
Design life	Over 10 years				
Product size	600*600*2000mm			600*600*2000mm	
Certification	Teil test report				



600*600*2000mm

Product features

Based on the site environment, different forms of complementary power supply structure can be formed by connecting solar energy, mains supply and oil engine;

Perfect battery management to ensure long-life service of batteries in rugged environment;

Modular design, flexible configuration and convenient expansion; The monitoring network is flexible, providing RS232 interface and dry contact.