



WKC F01 24-1.5/3k-A

Off-grid photovoltaic energy storage inverter

- Use with 24V energy storage battery
- Multiple charging modes to choose from, maximize energy utilization
- Easy for users to install and use
- With lithium battery, photovoltaic activation and other unique functions
- Support remote monitoring of equipment operating parameters
- Efficient heat dissipation, extend system life
- Support touch screen and button operation

About Yangzhou ANTOFO

- ANTOFO New Energy adheres to independent research and development, independent manufacturing, and builds a solid technical foundation
- Professional team escort, assist customers throughout the process, and provide solid after-sales guarantee
- Strictly select high-quality raw materials and precision components to create stable, reliable, and cost-effective power products
- Adhere to the corporate values of customer first, pragmatic innovation, collaborative win-win, and pursuit of excellence, and fully empower customers



Model: WKC	F01 24-1.5k-A	F01 24-3k-A
Inverter output		
Rated output power	1.5kW	3.2kW
peak power	1.9kVA	4kVA
rated output voltage	110Vac (single-phase)	
Starting motor capability	2HP	
Rated frequency	60Hz	
Output waveform	Pure sine wave	
switching time	0ms	
Battery		
Type	Lead acid batteries/Lithium ion batteries/User defined	
Rated battery voltage	24V	
Battery voltage range	21~30Vdc	
Maximum generator/mains charging current	30A	60A
Maximum hybrid charging current	90A	120/160A
Photovoltaic input		
MPPT channels	1	
Maximum Input Power	1600W	3400W
Maximum photovoltaic charging current	60A	60/100A
Maximum open circuit voltage	200Vdc	
MPPT operating voltage range	33~130Vdc	
Municipal power/generator input		
Input Voltage	170~280Vac	
Input frequency range	50/60Hz	
Overload current of mains power	30A	40A
Efficiency		
MPPT tracking efficiency	99.9%	
Maximum battery inverter efficiency	85%	
Basic parameters		
Package size	635*405*282mm	680*435*282mm
weight	20kg	24.5kg
protection grade	IP20 indoor only	
Working temperature range	-10°C~55°C	
External module (optional)	Wi-Fi	
Humidity range	5%~95%	
Cooling method	Built-in fan	
Warranty period	3 years	
communication	RS485/CAN/USB/dry contact	
topology	Power frequency transformer	
Certification standards	RoHs/EN61000/IEC 62109/PSE circular certification	
Protection function		

Equipped with PV current and power limiting protection, PV night time anti reverse charging protection, mains input overvoltage protection, mains input undervoltage protection, battery overvoltage protection, battery undervoltage protection, load output short circuit protection, radiator over temperature protection, overload protection, PV anti reverse protection, AC backflow protection, mains overcurrent protection, battery input overcurrent protection, battery input protection, and charging short circuit protection.