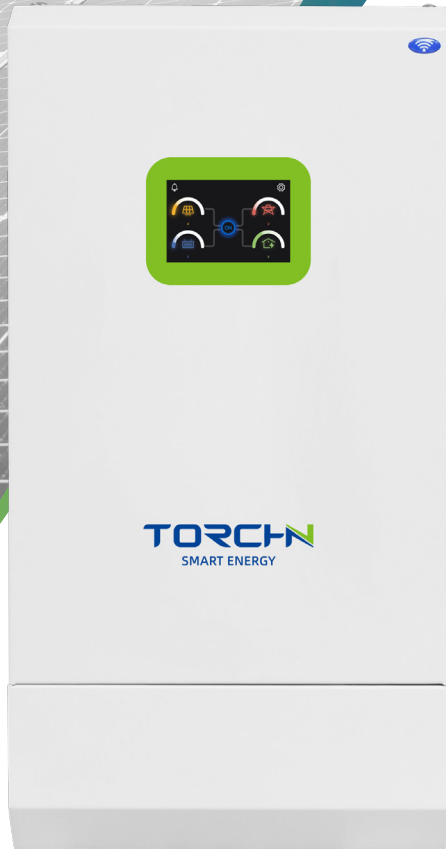




WKC F01 48-1.5~10k-E

Off-grid photovoltaic energy storage inverter

- Use with 48V 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 48-1.5k-E	F01 48-3.2k-E	F01 48-6.2k-E	F01 48-10k-E
Inverter output				
Rated output power	1.5kW	3.2kW	6.2kW	10kW
Peak power	1.9kVA	4kVA	7.8kVA	12kVA
Rated output voltage	230Vac（Split-phase）			
Starting motor capability	2HP			
Rated frequency	50Hz			
Output waveform	Pure sine wave			
Switching time	0ms			
Battery				
Type	Lead acid batteries/Lithium ion batteries/User defined			
Rated battery voltage	48V			
Battery voltage range	42~56Vdc			
Maximum generator/mains charging current	30A	60A		
Maximum hybrid charging current	90A	120/160A	160A	180A
Photovoltaic input				
MPPT channels	1			2
Maximum Input Power	2480W	3720/4960W	7440W	11000W
Maximum photovoltaic charging current	60A	60/100A	100A	120A
Maximum open circuit voltage	200Vdc			450Vdc
MPPT operating voltage range	70~164Vdc			70~420Vdc
Municipal power/generator input				
Input Voltage	170~280Vac			
Input frequency range	50/60Hz			
Overload current of mains power	30A	40A		70A
Efficiency				
MPPT tracking efficiency	99.9%			
Maximum battery inverter efficiency	85%			
Basic parameters				
Package size	635*405*282mm	680*435*282mm		820*530*335mm
weight	20kg	24.5kg	31.5kg	72kg
protection grade	IP20 indoor only			
Working temperature range	-10℃~55℃			
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	Low Frequency Isolation 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.