

# HYBRID ON & OFF INVERTER 6KW

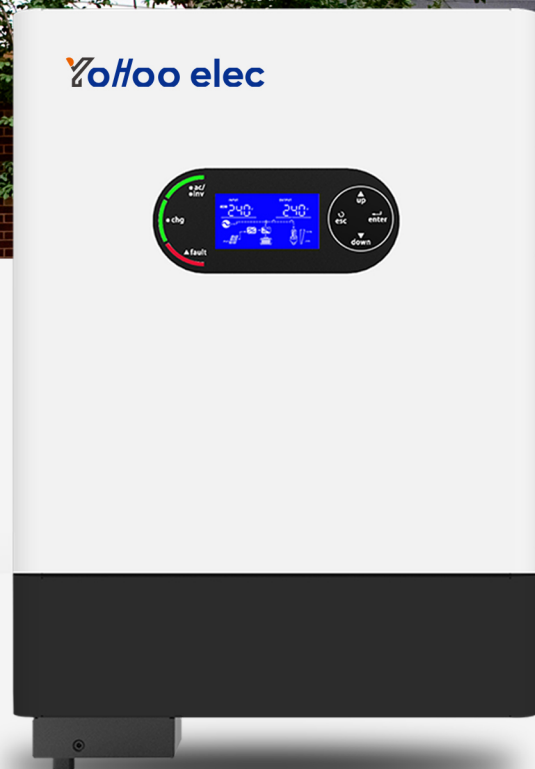


**Yohoo elec**

Hybrid On & Off Inverter 6KW

[www.yohooelec.com](http://www.yohooelec.com)

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## Model Specifications

Rated Power(W) 6000VA/6000W

## AC INPUT

AC Voltage 230VAC  
 Voltage Range 170-280VAC(For Personal Computers);90-280 VAC (For Home Appliances)  
 Frequency Range 50Hz/60Hz (Auto sensing)

## AC OUTPUT

Surge power 12000VA  
 Voltage regulation(Battery Mode) 230VAC±5%  
 Rated frequency 50/60Hz  
 Efficiency(Peak) up to 93.5%  
 Transfer Time 10ms(For Personal Computers);20ms(For Home Appliances);

## SOLAR CHARGER & AC CHARGER

Maximum PV Array Open voltage(V) 500VDC  
 Maximum PV Array power 6000W  
 MPPT voltage range(V) 60~450VDC  
 Maximum input current 27A  
 MPPT tracker/strings 1  
 Maximum solar charge current 120A  
 Maximum AC charge current 100A  
 Maximum charge current 120A

## BATTERY

Battery voltage 48VDC  
 Floating Charge voltage 54VDC  
 Overcharge Protection 63VDC  
 Battery type Lithium /Lead-acid

## PROTECTION & FEATURE

AC overcurrent Yes  
 AC overvoltage Yes  
 over temperature protection Yes  
 Smart load management Yes  
 on Grid Yes  
 Parallel Function Yes (optional )

## GENERAL PARAMTER

Operation temperature 0°C~50°C  
 Relative humidity 0~95%(non-condensing)  
 Altitude (>2,000m Derating)  
 Dimensions D x Wx H (mm) 434\*311\*126.5  
 Net Weight(KG) 9

## DISPLAY AND COMMUNICATION

Display Touch buttons  
 Interface Standard: RS485,RS232,CAN ; Optional : Wifi ,Bluetooth  
 Safety standard EN/IEC 62109-1,EN/IEC 62109-2

V2.1\*Information may be subject to change without notice.