

# HYBRID ON & OFF GRID INVERTER 8KW



## MPPT

Built-in two MPPT8KW, with wide input range:120~450VDC



## Battery

Battery equalization function extend lifecycle  
Reserved communication port (RS485,CAN) for BMS



## On&Off-Grid

suitable for on&off-grid applications.



## Easy access

Communication WIFI or bluetooth  
Touchable button with large 5" colorful LCD

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

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Model		Specifications	
Rated Power(W)		8000VA/8000W	
Max.PV array open circuit voltage(VDC)		500VDC	
MPPT input voltage range@operating(VDC)		120-450VDC	
Grid Output(AC)			
Nominal output voltage(VAC)		220/230/240VAC	
Output voltage range(VAC)		184-265VAC	
Nominal output current(A)		36.4/34.8/33.3A	
Efficiency		Up to 93.5%	
Grid Input			
Acceptable input voltage range(VAC)		170-280VAC/90-280VAC	
Frequency range(Hz)		50/60HZ	
Battery Mode Output(AC)			
Nominal output voltage(VAC)		220/230/240VAC	
Output Wave form		Pure sine wave	
Battery & Charger			
Nominal DC voltage(VDC)		48VDC	
Max.solar charging current(A)		120A	
Max.AC charging current(A)		120A	
Max.charging current(A)		120A	
Emergency Output Power			
Max.output power(W)		8000W	
Surge power(W)		16000W	
Transfer time		10ms(For Personal Computers);20ms(For Home Appliances);	
Interface			
Parallel function		Up to 6 units	
Communication		Standard: RS485,RS232,CAN ; USB ; Optional : Wifi ,Bluetooth	
Environment			
Humidity		0~90%RH(No Condensing)	
Operating Temperature		0 to 50°C	
Net Weight(KG)		18.8KG	
Dimensions Dx W x H(mm)		420*561.6*152.4mm	

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