

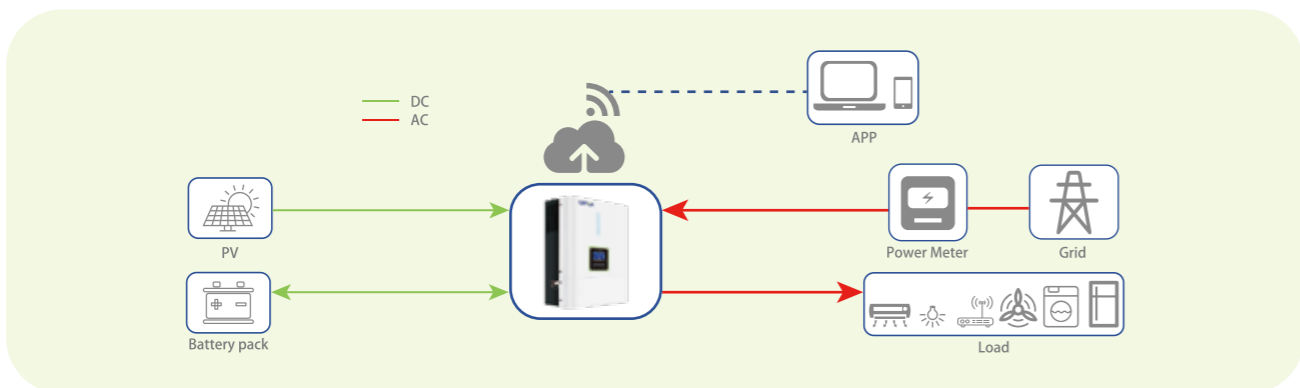


High Frequency(Hybrid-N)-Single

CB IV2012HF / CB IV3024HF

Features

- Built-in MPPT solar controller.
- Overload/ Over temperature/ short circuit protection.
- Cold start function.
- AC/Solar input priority.
- Selectable input voltage range for home appliances and personal computers.
- Auto restart while AC is recovering.



MODEL	CB IV2012HF	CB IV3024HF
Rated Power	1750W	3000W
AC OUTPUT		
AC Voltage Range	230VAC ± 5% 170-280 VAC (For personal Computers):90-280 VAC (For Home Appliances)	
Frequency	50 Hz/60 Hz (Auto sensing)	
Surge Power	3500VA	6000VA
Waveform	pure sine wave	
BATTERY		
Norminal Voltage	24VDC	
Battery Type	Lead-acid/Lithium	
Floating Charge Voltage	27VDC	
Overcharge Protection	33VDC	
Max. Charge Current	80A	
Work with&without Battery	YES	
PV INPUT		
Max. PV Power	3000W	4000W
Mppt Voltage Range	60 ~ 430 VDC	60 ~ 450 VDC
Max.PV Open Circuit Voltage	450 VDC	500 VDC
Max. Charging Current	80A	
Max. Efficiency	98%	
GENERAL		
Efficiency (peak) PV to INV	97%	
Efficiency (peak) Battery to INV	94%	
Dimension, D x W x H (mm)	128*300*363	
Switching Time	10 ms (For personal Computers) ; 20 ms (For Home Appliances)	
Net Weight (kg)	8.5	8.7
Communication Port	USB/RS232	
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Working Temperature	0°C - 55°C	
Storage Temperature	-15°C - 60°C	