

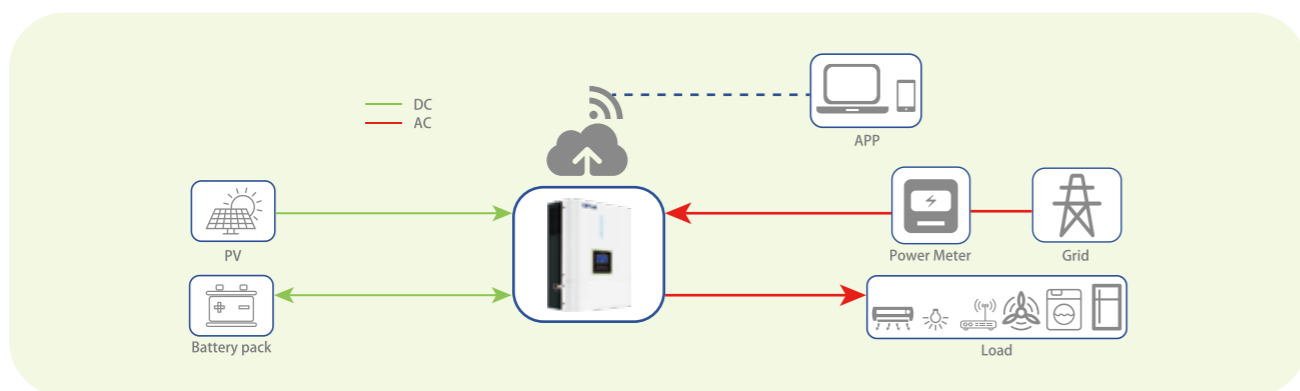


High Frequency(Hybrid-N)-Single

CB IV3524HF / CB IV5648HF

Features

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



MODEL	CB IV3524HF	CB IV5648HF
Rated Power	3500W	5600W
AC OUTPUT		
AC Voltage Range	230VAC ± 5%	
Surge Power	7000VA	11200VA
Switching Time	10 ms (For personal Computers) ; 20 ms (For Home Appliances)	
Output Port	Single Output	Dual output(Smart load)
Waveform	pure sine wave	
AC INPUT		
Voltage	230 VAC	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
Selectable AC Voltage Range	170-280 VAC (For personal Computers), 90-280 VAC (For Home Appliances)	
BATTERY		
Norminal Voltage	24 VDC	48 VDC
Maximum Charge Current	100 A (From grid)	
Battery Type	Lead-acid/Lithium	
Sleeping Mode	YES	
Battery high voltage range selectable	25V-30V	50-60V
works without Battery	YES	
PV INPUT		
Max. PV Array power	4000W	6000W
MPPT Voltage Range	60 ~ 450 V DC	
Max.PV Open Circuit Voltage	500V DC	
Max.Charging Current	120 A	
GENERAL		
Dimension, D x W x H (mm)	128*300*363	
Net Weight (kg)	8.7	10.6
Efficiency (peak) PV to INV	97%	
Efficiency (peak) Battery to INV	94%	
Communication Port	RS485/wifi optional	
Display	LCD	
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C - 55°C	
Storage Temperature	-15°C - 60°C	