

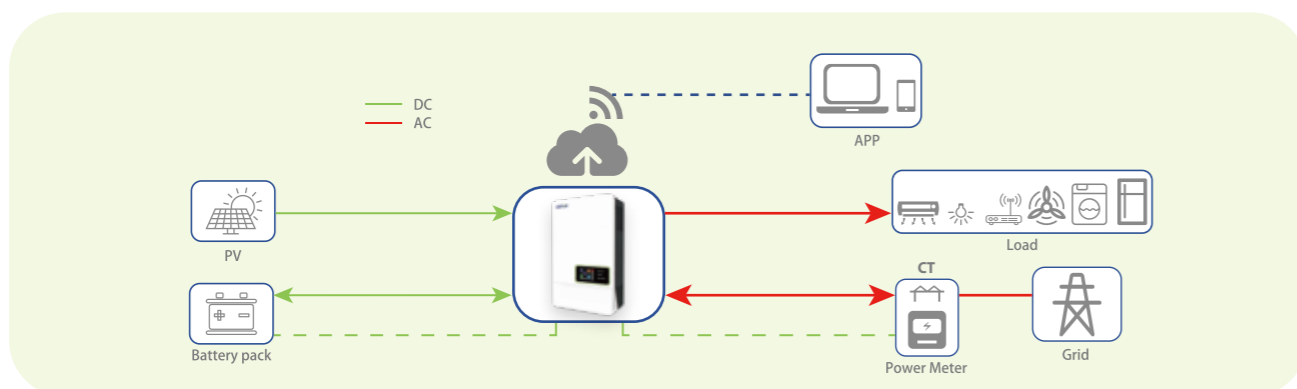


## High Frequency(Hybrid-ECO)-Single

CB IV4048 HEH / CB IV6048 HEH  
CB IV8048 HEH / CB IV11048 HEH

### Features

- Built-in anti-dust kit for harsh environment AC overcurrent, AC overvoltage, over temperature protection.
- self-design auto equalization function, lithium battery, can work with lithium /lead acid battery.
- Charge from the grid at off-peak time when energy is cheaper and discharge at peak time when energy is more expensive.
- HEH series is suitable for on-grid and off-grid applications.
- Both LCD touch screen and App display and operation easily.
- Control and monitor your smart system on the move via our monitoring App and website.



MODEL	CB IV4048HEH	CB IV6048HEH	CB IV86048HEH	CB IV11048HEH
Rated Power	4000VA/4000W	6000VA/6000W	8000VA/8000W	11000VA/11000W
<b>AC OUTPUT</b>				
Voltage Regulation (Battery Mode)	220VAC/230VAC/240VAC ± 5%			
Rated frequency	50/60Hz (Auto sensing)			
Surge Power	8000VA	12000VA	16000VA	22000VA
Efficiency (Peak)	0.93			
Switching Time	10ms (For Personal Computers) ; 20ms (For Home Appliances)			
<b>AC INPUT</b>				
AC Voltage	220/230/240VAC			
Voltage Range	170-280VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)			
Frequency Range	50/60Hz±5%			
<b>BATTERY</b>				
Normal Voltage	48VDC			
Floating Charge Voltage	54VDC			
Overcharge Protection	63VDC			
Battery type	Lithium/Lead-acid			
Max solar charge current	80A	120A	150A	
Max AC charge current	60A	100A	150A	
Max charge current	80A	120A	150A	
<b>PV INPUT</b>				
Max.PV Array Open Circuit Voltage	500VDC			
Max. PV Array Power	5000W		11000W(5500W*2)	
MPPT voltage range(V)	90~450VDC		60~450VDC	
Max. input current	27A		27A*2(MAX 40A)	
MPPT tracker/strings	1		2	
<b>GENERAL</b>				
Protection & Feature	AC overcurrent , AC overvoltage , Over temperature protection , Smart load management			
Parallel function	Yes,6 units			
Operation temperature	-10°C ~ 50°C			
Dimensions D x W x H(mm)	134*315*516		147.4*432.5*553.6	
Net Weight(KG)	9	10.5	18	18.4
Display	Touch screen			
Communication Port	Standard:RS232,CAN&RS485; Optional: WiFi, Bluetooth,CT			
Safety standard	EN/IEC 62109-1,EN/IEC 62109-2			