

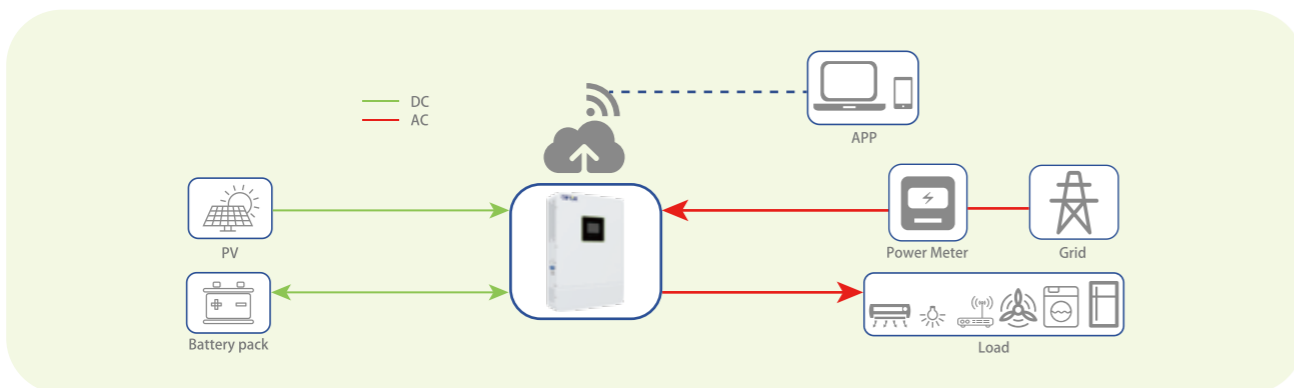


High frequency(Hybrid-N)-Three

CB-IV8048HF-T
CB-IV10048HF-T / CB-IV12048HF-T

Features

- Pure sine wave output.
- Up to 12kW load power to meet most residential needs.
- Comprehensive security from hardware to software.
- Advanced MPPT technology with up to 99.9% efficiency.
- Multiple safety certifications.
- Up to 22+22A PV input current.
- Industrial design with a modern aesthetic look.
- Easy to install and simple to use.



MODEL	CB-IV8048HF-T	CB-IV10048HF-T	CB-IV12048HF-T
Rated Output Power	8000W	10000W	12000W
AC OUTPUT			
Rated Output Voltage	400Vac, three-phase		
Rated Frequency	50/60Hz		
Surge Power	16000W	20000W	24000W
Switching Time	10ms (typical)		
AC INPUT			
Input Voltage Range	phase voltage 170~280V, line voltage 305~485V		
Input Frequency Range	50/60Hz		
Bypass Overload Current	63A		
BATTERY			
Battery Types	Li-ion / Lead-Acid / User Defined		
Norminal Voltage	48VDC		
Voltage Range	40~60Vdc		
Max. PV Charging Current	180A	220A	260A
Max. Utility/Gen Charging Current	100A	120A	120A
Max. Hybrid Charging Current	180A	220A	260A
PV INPUT			
No. of MPPT	2		
Max. Input Power	6,000W/6,000W	7,500W/7,500W	9,000W/9,000W
Max. Input Current	22A/22A		
Max. Open-circuit Voltage	800Vdc/800Vdc		
MPPT Operating Voltage Range	200~650Vdc/200~650Vdc		
GENERAL			
MPPT Tracking Efficiency	99.9%		
Max. Battery Inverter Efficiency	≥92%		
European Efficiency	97.2%	97.5%	97.5%
Dimensions	620*445*130mm		
Weight	27kg		
Protection Degree	IP20, indoor only		
Ambient Temp	-10~55℃, >45℃ derated		
Noise	<60dB		
Cooling Method	air cooling		
Warranty	18 months		
Communication Port	RS485 / CAN / USB / Dry contact		
External Module (optional)	Wi-Fi / GPRS		
Safety	IEC62109-1, IEC62109-2, UL1741, EN61000-6-1, EN61000-6-3, FCC15 classB		