

ALL IN ONE SYSTEM



Double CPU Intelligent control technology, Excellent performance



The grid mode/ battery mode could be set, application flexible



The intelligent MPPT solar controller, multiple protection



The pure sine wave output, can adapt to various types of load.



Smart fan control, safe and reliable.

Technical Specifications

AC Parameters			
Model Number	EU-HF3K/5Kwh	EU-HF5K/10Kwh	EU-HF10K/15Kwh
Rated Power	3KW	5KW	10KW
Rated Capacity	5KWh	10KWh	15KWh
Communication Access Method	220V		
Off grid operation parameters			
Max. Input Power of the Solar Panel	3000W	5000W	10000W
Rated Output Power	3000W	5000W	10000W
Solar Electric Charging Current	80A	120A	160A
PV Input			
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC		
Starting Voltage/Initial Feeding Voltage	90VDC/120VDC		
MPPT Voltage Range	30VDC-400VDC	60VDC-450VDC	90VDC-450VDC
Grid Output (AC)			
Nominal Output Voltage	220/230/240VAC	220/230/240VAC	220/230/240VAC
Output Voltage Range	195-253VAC		
Nominal Output Current	30A	40A	44.3A
Power Factor	>0.99		
Feed-in Freq. Range of the Power Grid	49-51HZ		
Efficiency			
Maximum Conversion Efficiency (DC/AC)	98%		
Dual Load Outout Power			
Full Load Power	3000W	5000W	10000W
Maximum Main Load	3000W	5000W	10000W
Maximum Second Load (Battery Mode)	1200W	2067W	3400W
Main Load Cut-off Voltage	22VDC	44VDC	44VDC
Main Load Return Voltage	27VDC	54VDC	48VDC
Off-grid Operation			
AC Startup Voltage/Automatic Restart (V)	120-140VAC/180VAC		
Acceptable Input Voltage Range	280VAC or 170-280VAC		
Maximum AC Output Current	30A	40A	50A
Nominal Operating Frequency	50/60Hz		
Surge Power	6000W	10000W	20000W
Battery Mode Output (AC)			
Nominal Voltage	24VDC	48VDC	48VDC
Output Waveform	Pure sine wave		
Efficiency (DC to AC)	94%		
Battery Ah	200Ah	200Ah	300Ah
Specification Parameters			
Work Environment	-10°C -50°C		
External Dimensions (mm)	540*182*768	560*242*786	680*242*786
Weight	70KG	110KG	160KG