

| **2x SURGE  
CAPACITY**



# HYBRID SOLAR INVERTER

**ASI30HF01**

**24V | 3000W**

**ASI50HF01**

**48V | 5000W**



## FEATURES

### Maximum Power Point Tracking

MPPT technology to optimize the energy output of solar panels in real time, even in low light conditions.

### High Efficiency

Designed to operate at a higher frequency than traditional inverters, convert more of the DC power generated by solar panels into usable AC power.

### Overload Ability

Able to handle a sudden surge in power without shutting down or tripping. Rated at 200ms @ > 150% Load

### Uninterrupted Power

Transfer time of 10ms for computer equipment and 20ms for household equipment.

### Real Time Display

Real time display of actual load power to ensure accurate system monitoring

### Inverter Parallel Enabled

Inverter parallel support allows for greater flexibility in system design, as it allows for the addition of inverters as power requirements increase.

### Wifi Enabled

You can monitor your inverter's performance, power output, and other parameters remotely from your smartphone or other device, providing greater flexibility and convenience. (Wifi Dongle Sold Separately)

Peak Efficiency

**>94%**

Transfer Time

**10ms**

Warranty

**1 Year**

Output Wave

**Pure Sine Wave**

Parallel

**6 Units**

Surge Protection

**x 2**

Comms

**Wifi Ready**

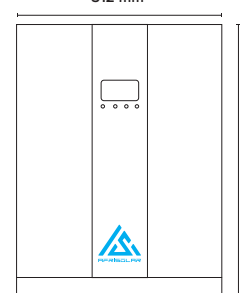
# HYBRID SOLAR INVERTER

ASI30HF01

ASI50HF01

Product Specification		
Model Number	ASI30HF01	ASI50HF01
Input	AC Input	208/220/230/240VAC
	Nominal Voltage	154-264VAC±3V (Normal Mode) 185-264VAC±3V (UPS Mode)
	Frequency	50/60Hz±5%
Output	Rated Power	3000w
	Output voltage	208/220/230/240VAC±5%
	Output Frequency	50/60Hz±0.1%
	Waveform	Pure Sine Wave
	Transfer Time(adjustable)	10ms for computer equipment, 20ms for household equipment
	Peak Power	6000va
	Overload Ability	Battery Mode 1min@102%~110% load 10s@110%~130% load 3s@130%-150% load 200ms@>150% load
	Peak Efficiency	>94%
Battery	Rated Voltage	24VDC
	Constant charging voltage (adjustable)	28.2VDC
	Float charging voltage (adjustable)	27VDC
Charger	Pv Charging Method	MPPT
	Max PV Input	4000w
	MPPT Tracking Range	120~500VDC
	MAX PV Input Voltage	500VDC
	MAX PV Charge Current	80A
	MAX AC Charge Current	60A
	MAX Charge Current	80A
Display	LCD	Can display operating mode/load/input/output
Communication Port	RS232	5PIN/Pitch2.54mm,baud rate 2400
	Expansion slot communication interface	5PIN/Pitch2.54mm,Lithium battery BMS communication card,WIFI
Ambient Temperature	Operating temperature	0°C~40°C
	Storage temperature	-15°C~60°C
	Operating environment humidity	20%~95% Non condensing
	Noise	<50dB
Standards and Certifications		EN-IEC 60335-1, EN-IEC 60335-2-29, IEC 62109-1

312 mm



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