

◆ **Pure Sine Wave DC To AC Inverter**

- ✧ Pure sine wave output;
- ✧ Double isolation of input and output, soft boot of output;
- ✧ Intelligent temperature control fan;
- ✧ Support RS485&CANBUS communication(optional);
- ✧ Wireless remote control or wired remote control and so on(optional);
- ✧ Suitable for lead acid battery and lithium battery;
- ✧ Low voltage alarm, low voltage shutdown, over voltage alarm, over voltage shutdown, overload, short circuit, over temperature, input revers connection;



Model		FSA500B	FSA1000B	FSA1200B	FSA1500B	FSA2000B	FSA2500B	FSA3000B	FSA3500B	
Output	Continuous Power	500 W	1000 W	1200 W	1500 W	2000 W	2000 W	3000 W	3500 W	
	Peak Power	1000 W	2000 W	2400 W	3000 W	4000 W	4000 W	6000 W	7000 W	
	Output Waveform	Pure Sine Wave (Distortion rate≤3%)								
	Output Frequency	50/60Hz±2%								
	Output Voltage	AC110/ 220V±5V								
Input	Input voltage	12/24/48/60/72V optional								
Output Protection	Over Temperature Protection	70°C±5°C Re-start after buzzer continuously alarm 5 sounds with turning off the output voltage and temperature lower than 65 degrees.								
	Output Short Circuit	Restore the output after turn off the output voltage and exclude the possibility of short circuit.								
	Overload Protection	The load at 105-115% lasts for 180 seconds, at 115-150% for 10 seconds Restore the output after the buzzer continuous alarm with turned off output and lower load								
Conversion Efficiency		92% (Full load)								
Wireless remote control		50m barrier-free control inverter								
Wire remote control		Through RJ45, control and monitor state								
RS-485		RS-485 communication								
CANBUS		CANBUS communication								
No-load Current		≤0.3A (DC12V)								
Working Temperature		(-20°C) TO (+50°C)								
Working Humidity		20-90%RH Non-condensing								
Storage Temperature		(-30°C) TO (+70°C)								
Cooling Mode		Intelligent temperature control air cooling, or fan start-up when temperature > 100W								
Warranty		12 months								

Pure Sine Wave DC To AC Inverter

- ✧ Pure sine wave output;
- ✧ Double isolation of input and output, soft boot of output;
- ✧ Intelligent temperature control fan;
- ✧ Support RS485&CANBUS communication(optional);
- ✧ Wireless remote control or wired remote control and so on(optional);
- ✧ Output voltage and frequency can be selected by DIP S.W;
- ✧ Suitable for lead acid battery and lithium battery;
- ✧ Low voltage alarm, low voltage shutdown, over voltage alarm, over voltage shutdown, overload, short circuit, over temperature, input revers connection;



Model		FSA500C	FSA1000C	FSA1200C	FSA1500C	FSA2000C	FSA2500C	FSA3000C	FSA3500C	
Output	Continuous Power	500 W	1000 W	1200 W	1500 W	2000 W	2000 W	3000 W	3500 W	
	Peak Power	1000 W	2000 W	2400 W	3000 W	4000 W	4000 W	6000 W	7000 W	
	Output Waveform	Pure Sine Wave (Distortion rates≤3%)								
	Output Frequency	50/60Hz±2%								
	Output Voltage	AC110/ 220V±5V								
Input	Input voltage	12/24/48/60/72V optional								
Output Protection	Over Temperature Protection	70°C±5°C Re-start after buzzer continuously alarm 5 sounds with turning off the output voltage and temperature lower than 65 degrees.								
	Output Short Circuit	Restore the output after turn off the output voltage and exclude the possibility of short circuit.								
	Overload Protection	The load at 105-115% lasts for 180 seconds, at 115-150% for 10 seconds Restore the output after the buzzer continuous alarm with turned off output and lower load								
Conversion Efficiency		92% (Full load)								
Wireless remote control		50m barrier-free control inverter								
RS-485		RS-485 communication								
CANBUS		CANBUS communication								
TTL		TTL communication								
No-load Current		≤0.3A (DC12V)								
Working Temperature		(-20°C) TO (+50°C)								
Working Humidity		20-90%RH Non-condensing								
Storage Temperature		(-30°C) TO (+70°C)								
Cooling Mode		Intelligent temperature control air cooling, or fan start-up when temperature > 100W								
Warranty		12 months								

◆ **Pure Sine Wave DC To AC Portable Inverter**

- ✧ Pure sine wave output;
- ✧ Double isolation of input and output, soft boot of output;
- ✧ Intelligent temperature control fan;
- ✧ Support RS485&CANBUS communication(optional);
- ✧ Wireless remote control or wired remote control and so on(optional);
- ✧ Suitable for lead acid battery and lithium battery;
- ✧ Low voltage alarm, low voltage shutdown, over voltage alarm, over voltage shutdown, overload, short circuit, over temperature, input revers connection;



Model	FSA500H	FSA1000H	FSA1200H	FSA1500H	FSA2000H	FSA2500H	FSA3000H	FSA3500H	
Output	Continuous Power	500 W	1000 W	1200 W	1500 W	2000 W	2000 W	3000 W	3500 W
	Peak Power	1000 W	2000 W	2400 W	3000 W	4000 W	4000 W	6000 W	7000 W
	Output Waveform	Pure Sine Wave (Distortion rates≤3%)							
	Output Frequency	50/60Hz±2%							
	Output Voltage	AC110/ 220V±5V							
Input	Input voltage	12/24/48/60/72V optional							
Output Protection	Over Temperature Protection	70°C±5°C Re-start after buzzer continuously alarm 5 sounds with turning off the output voltage and temperature lower than 65 degrees.							
	Output Short Circuit	Restore the output after turn off the output voltage and exclude the possibility of short circuit.							
	Overload Protection	The load at 105-115% lasts for 180 seconds, at 115-150% for 10 seconds Restore the output after the buzzer continuous alarm with turned off output and lower load							
Conversion Efficiency	92% (Full load)								
Wireless remote control	50m barrier-free control inverter								
Wire remote control	Through RJ45, control and monitor state								
RS-485	RS-485 communication								
CANBUS	CANBUS communication								
No-load Current	≤0.3A (DC12V)								
Working Temperature	(-20°C) TO (+50°C)								
Working Humidity	20-90%RH Non-condensing								
Storage Temperature	(-30°C) TO (+70°C)								
Cooling Mode	Intelligent temperature control air cooling, or fan start-up when temperature > 100W								
Warranty	12 months								

◆ **Pure Sine Wave DC To AC Inverter PCB Board**

- ◇ Pure sine wave output;
- ◇ Double isolation of input and output, soft boot of output;
- ◇ Intelligent temperature control fan;
- ◇ Support RS485&CANBUS communication(optional);
- ◇ Suitable for lead acid battery and lithium battery;
- ◇ Low voltage alarm, low voltage shutdown, over voltage alarm, over voltage shutdown, overload, short circuit, over temperature, input revers connection;



Model		300 W	500 W	1000 W	1500 W	2000 W
Output	Continuous Power	300 W	500 W	1000 W	1500 W	2000 W
	Peak Power	600 W	1000 W	2000 W	3000 W	4000 W
	Dimension	140*125*54mm	150*125*54mm	210*158*54mm	250*158*54mm	300*158*54mm
	Output Waveform	Pure Sine Wave (Distortion rates≤3%)				
	Output Frequency	50/60Hz±2%				
	Output Voltage	AC110/ 220V±5V				
Input	Input voltage	12/24/48/60/72V optional				
Output Protection	Over Temperature Protection	70°C±5°C Re-start after buzzer continuously alarm 5 sounds with turning off the output voltage and temperature lower than 65 degrees.				
	Output Short Circuit	Restore the output after turn off the output voltage and exclude the possibility of short circuit.				
	Overload Protection	The load at 105-115% lasts for 180 seconds, at 115-150% for 10 seconds Restore the output after the buzzer continuous alarm with turned off output and lower load				
Conversion Efficiency		92% (Full load)				
Wireless remote control		50m barrier-free control inverter				
Wire remote control		Through RJ45, control and monitor state				
RS-485		RS-485 communication				
CANBUS		CANBUS communication				
No-load Current		≤0.3A (DC12V)				
Working Temperature		(-20°C) TO (+50°C)				
Working Humidity		20-90%RH Non-condensing				
Storage Temperature		(-30°C) TO (+70°C)				
Cooling Mode		Intelligent temperature control air cooling, or fan start-up when temperature > 100W				
Warranty		12 months				

◆ **Pure Sine Wave DC To AC Inverter With Charger& Ups**

- ✧ Pure sine wave output;
- ✧ Efficiency up to 90%;
- ✧ Intelligent control of heat dissipation fan;
- ✧ Battery low voltage shutdown/output short circuit/over load/over voltage/over temperature/battery low voltage alarm;
- ✧ Applications: Home appliances, power tools, office and portable equipment, vehicles and yachts, etc;
- ✧ Charging mode: 3-stage charging mode (constant current, constant voltage, float charging);



Model		NT800	NT1000	NT2000	NT3000
Ac Output	Continuous Power	800 W	1000 W	2000W	3000 W
	Peak Power	1600 W	2000 W	4000W	6000 W
	Output Waveform	Pure Sine Wave (Distortion rate≤5%),50/60Hz±2%			
	Output Voltage	AC110/ 220V±5V			
Dc Input	Input voltage	12/24VDC optional			
	Battery voltage	10-15v(12v)/20-30v(24v)			
	Dc current	74A(12V) 37A(24V)	74A(12V) 37A(24V)	138A(12V) 69A(24V)	185A(12V) 92.5A(24V)
	No-load loss	≤1.0A(12V) ≤0.5A(24V)	≤1.0A(12V) ≤0.5A(24V)	≤1.8A(12V) ≤1.0A(24V)	≤3.0A(12V) ≤1.5A(24V)
	Efficiency	≥90%			
	Standby current	≤10mA			
	Battery type	Lead acid battery			
Battery input protection	Low voltage alarm, Low voltage protection, High voltage protection, Reverse polarity protection				
Charging input	Rated voltage	220v 50/60Hz±0.5hz			
	Full of efficiency	≥80%			
Charging output mode	Constant current	15A(12V)/8A(24V) the charging indicator is orange.			
	Constant voltage	14.4V(12V)/28.8V(24V) the charging indicator is orange.			
	Float charge	13.5V(12V)/27V(24V) the charging indicator is orange.			
Output Protection	Over Temperature	Turning off the output voltage and temperature lower than 75 degrees.			
	Output Short Circuit	Restore the output after turn off the output voltage and exclude the possibility of short circuit.			
	Overload Protection	Restore the output after fault indication with turned off output and lower load			
Charge output mode	Constant current charge, orange indicator, Constant voltage charge, orange indicator, Floating charge, green indicator				
Charge output protection	Insurance tube, Short circuit protection, Reverse connection protection				
USB	5V 500mA				
Cooling Mode	Intelligent temperature control air cooling, or fan start-up when temperature > 100W				

◆ **Modified Sine Wave DC To AC Inverter**

- ✧ Modified sine wave output;
- ✧ Efficiency up to 90%;
- ✧ Intelligent control of heat dissipation fan;
- ✧ Battery low voltage shutdown/output short circuit/over load/over voltage/over temperature/battery low voltage alarm;
- ✧ Applications: Home appliances, power tools, office and portable equipment, vehicles and yachts, etc.;



Model		NM350	NM400	NM500	NM600	NM800	NM900	NM1200	NM1500	NM1800	NM2000	NM3000	NM5000
Output	Continuous Power	350 W	400 W	500 W	600 W	800 W	900 W	1200 W	1500 W	1800 W	2000 W	3000 W	5000 W
	Peak Power	500 W	800 W	1000 W	1200 W	1600 W	1800 W	2400 W	3000 W	3600 W	4000 W	6000 W	10000 W
	Output Waveform	Modified Sine Wave											
	Output Frequency	50/60Hz±2%											
	Output Voltage	AC110/120/220/230/240V optional											
	Battery type	Lead acid battery											
Input	Input voltage	12/24/48/60/72VDC optional											
	Efficiency	90%											
Output Protection	Over Temperature	Turning off the output voltage and temperature lower than 65 degrees.											
	Output Short Circuit	Restore the output after turn off the output voltage and exclude the possibility of short circuit.											
	Overload Protection	Restore the output after fault indication with turned off output and lower load											
Transfer time		30ms											
Working Temperature		(-20℃) TO (+50℃)											
Working Humidity		20-90%RH Non-condensing											
Storage Temperature		(-30℃) TO (+70℃)											
Cooling Mode		Intelligent temperature control air cooling, or fan start-up when temperature > 100W											
Warranty		12 months											

◆ Modified Sine Wave DC To AC Inverter With Charger& Ups

- ✧ Modified sine wave output;
- ✧ Efficiency up to 90%;
- ✧ Intelligent control of heat dissipation fan
- ✧ Battery low voltage shutdown/output short circuit/over load/over voltage/over temperature/battery low voltage alarm;
- ✧ Applications: Home appliances, power tools, office and portable equipment, vehicles and yachts, etc.;
- ✧ Charging mode: 3-stage charging mode (constant current, constant voltage, float charging);



Model		NU2000	NU3000	NU5000
Output	Continuous Power	2000 W	3000 W	5000 W
	Peak Power	4000 W	6000 W	10000 W
	Output Waveform	Modified Sine Wave		
	Output Frequency	50Hz±2%		
	Output Voltage	AC220V±5V		
	Battery type	Lead-acid battery		
Input	Input voltage	12/24VDC		
	Efficiency	90%		
	Insurance piece	35A*8(12V), 35A*4(24V)	35A*12(12V), 35A*6(24V)	35A*20(12V), 35A*10(24V)
	Charge input rated voltage	220 VAC		
Output Protection	Over Temperature	The red light is bright with an alarm and no output		
	Output Short Circuit	The red light is bright, cancel the short circuit automatically		
	Overload Protection	2500w±10%	3500w±10%	5500w±10%
Charge output mode	Constant current charge, orange indicator, Constant voltage charge, orange indicator, Floating charge, green indicator			
Charger input protection	Insurance tube, overload, high voltage			
Conversion time	20ms			
USB	5V 2.1A			
Working Temperature	(-20℃) TO (+50℃)			
Working Humidity	20-90%RH Non-condensing			
Storage Temperature	(-30℃) TO (+70℃)			
Cooling Mode	Intelligent temperature control air cooling, or fan start-up when temperature > 100W			
Warranty	12 months			