



Pure Sine Wave DC-AC Inverter

SN Series



SN-150USB



SN-300USB



SN-400USB



SN-700USB



Features

- Pure Sine Wave Output
- Microcontroller Integrated
- Adjustable Energy Saving Mode
- Input & Output Fully Isolation
- Intelligent PWM Output Regulation
- Intelligent Temp & Load Cooling Fan
- Multi Pre-Alarm & Shutdown Alarm Protections:
Battery Type Detection / Polarity Reverse / Low Voltage
Short Circuit / Overheat / Overload
- Aluminum Housing
- 100% Made in Taiwan

Model		SN-150USB		SN-300USB		SN-400USB		SN-700USB	
System									
Continuous Power		150W		300W		400W		700W	
Surge Power		300W		600W		800W		1200W	
Output Voltage		100/110/120 VAC; 220/230/240 VAC							
Output Waveform		Pure Sine Wave							
Total Harmonic Distortion		< 3%							
Output USB Port		Type A (QC3.0) or Type C (PD)				Type A (QC3.0)			
Standby Current (Normal)	DC 12V	< 0.7A						< 0.9A	
	DC 24V	< 0.5A						< 0.6A	
Standby Current (Saving)		-				< 0.1A			
Output Regulation		< ±5% Intelligent PWM							
Output Frequency (50/60 Hz)		Crystal Controlled				Switchable by DIP			
Input Voltage		DC 12V: 10~15V; DC 24V: 20~30V							
Efficiency		> 90%				> 85%			
Protection									
Input Type Auto-Detection		Yes							
Input Polarity Reverse		Fuse							
Input Low Voltage		DC 12V: < 10.5V Pre-Alarm, < 10V Shutdown DC 24V: < 21.0V Pre-Alarm, < 20V Shutdown				DC 12V: < 10.5V Pre-Alarm, < 10V Shutdown DC 24V: < 21.0V Pre-Alarm, < 20V Shutdown APP			
Input High Voltage		DC 12V:>15±0.5V Auto-off & Alarm DC 24V:>30±1.0V Auto-off & Alarm		DC 12V: > 16 ± 0.5V Auto-off & Alarm DC 24V: > 32 ± 1.0V Auto-off & Alarm					
Short Circuit		Yes							
RCD(GFCI)		-				Optional			
Overheat		> 60°C Pre-Alarm, > 65°C Auto-off & Alarm				> 90°C Pre-Alarm,> 95°C Shutdown APP			
Overload	Pre-Alarm	> 150W		> 300W		> 110% APP			
	Shutdown	> 170W		> 330W		> 120% APP			
Cooling		Intelligent Fan				Intelligent Fan / Force Cooling APP			
Mechanical									
Fuse	DC 12V	20A x 1PCS		25A x 2PCS		25A x 2PCS		30A x 3PCS	
	DC 24V	10A x 1PCS		25A x 1PCS		15A x 2PCS		15A x 3PCS	
AC Outlets		EU: 1; USA: 1							
Dimension (L x W x H)		205 x 91 x 65 mm				295 x 135 x 80 mm		340 x 135 x 80 mm	
Net Weight		0.9 kg		1.0 kg		1.5 kg		2.1 kg	
RC Accessory		-				RC-S, RC-M-BT, RC-P-INV			
Note: APP Adjustable by App with RC-M-BT									



Pure Sine Wave DC-AC Inverter

SN Series



SN-1000



SN-1500

SN-2000



Features

- Pure Sine Wave Output
- Microcontroller Integrated
- Adjustable Energy Saving Mode
- Input & Output Fully Isolation
- Intelligent PWM Output Regulation
- Intelligent Temp & Load Cooling Fan
- Multi Pre-Alarm & Shutdown Alarm Protections:
Battery Type Detection / Polarity Reverse / Low Voltage
Short Circuit / Overheat / Overload
- Aluminum Housing
- 100% Made in Taiwan

Model		SN-1000	SN-1500	SN-2000
System				
Continuous Power		1000W	1500W	2000W
Surge Power		2000W	3000W	4000W
Output Voltage		100/110/120 VAC; 220/230/240 VAC		
Output Waveform		Pure Sine Wave		
Total Harmonic Distortion		< 3%		
Output USB Port		-		
Standby Current (Normal)	DC 12V	< 1.0A	< 1.2A	< 2.0A
	DC 24V	< 0.8A	< 0.9A	< 1.3A
Standby Current (Saving)		< 0.1A	< 0.15A	
Output Regulation		< ±5% Intelligent PWM		
Output Frequency (50/60 Hz)		Crystal Controlled	Switchable by DIP	
Input Voltage		DC 12V: 10~15V; DC 24V: 20~30V		
Efficiency		> 85%		
Protection				
Input Type Auto-Detection		Yes		
Input Polarity Reverse		Fuse		
Input Low Voltage		DC 12V: < 10.5V Pre-Alarm, < 10V Auto-off & Alarm DC 24V: < 21.0V Pre-Alarm, < 20V Auto-off & Alarm APP		
Input High Voltage		DC 12V: > 16 ± 0.5V Auto-off & Alarm DC 24V: > 32 ± 1.0V Auto-off & Alarm		
Short Circuit		Yes		
RCD(GFCI)		Optional		
Overheat		> 90°C Pre-Alarm, > 95°C Auto-off & Alarm APP		
Overload	Pre-Alarm APP	> 1000W	> 1500W	> 2000W
	Shutdown APP	> 1200W	> 1600W	> 2400W
Cooling		Intelligent Fan / Force Cooling APP		
Mechanical				
Fuse	DC 12V	25A x 6PCS	25A x 7PCS	30A x 8PCS
	DC 24V	15A x 6PCS	15A x 7PCS	15A x 8PCS
AC Outlets		EU: 1; USA: 1		
Dimension (L x W x H)		300 x 198 x 83 mm	360 x 227 x 88 mm	430 x 227 x 88 mm
Net Weight		2.8 kg	4.5 kg	5.7 kg
RC Accessory		RC-S, RC-M-BT, RC-P-INV	RC-S-SN, RC-LED, RC-M-BT, RC-P-INV	
Note: APP Adjustable by App with RC-M-BT				



Pure Sine Wave DC-AC Inverter **SN-LCD** Series



SN-1000LCD
SN-1500LCD
SN-2000LCD



SN-2500LCD
SN-3000LCD



Features

- NEW** Smart Display & Quick Charge 3.0 USB
- NEW** Adjustable Settings by Display Button
- Pure Sine Wave Output
- Microcontroller Integrated
- Energy Saving Mode & Intelligent Fan Control
- Input & Output Fully Isolation
- Intelligent PWM Output Regulation
- Multi Pre-Alarm & Shutdown Alarm Protections:
Battery Type Detection / Polarity Reverse / Low Voltage
Short Circuit / Overheat / Overload
- Aluminum Housing
- 100% Made in Taiwan

Model	SN-1000LCD		SN-1500LCD		SN-2000LCD		SN-2500LCD		SN-3000LCD		
System											
Continuous Power		1000W	1500W		2000W		2500W		3000W		
Surge Power		2000W	3000W		4000W		5000W		6000W		
Output Voltage		EU: 220/230/240 VAC (Display Button); USA: 110/120/127 VAC (Display Button);									
Output Waveform		Pure Sine Wave									
Total Harmonic Distortion		< 3%									
Output USB Port		Quick Charge 3.0 x 2 Ports									
Standby Current (Normal)	DC 12V	< 1.0A	< 1.2A		< 2.0A		< 2.5A				
	DC 24V	< 0.8A	< 0.9A		< 1.3A		< 1.5A				
Standby Current (Saving)		< 0.15A (APP)									
Output Regulation		< ±5% Intelligent PWM									
Output Frequency		50/60 Hz (APP)									
Input Voltage		DC 12V: 10~15V; DC 24V: 20~30V									
Efficiency		> 85%									
Protection											
Input Type Auto-Detection		Yes									
Input Polarity Reverse		Fuse									
Input Low Voltage		DC 12V: < 10.5V Pre-Alarm, < 10V Auto-off & Alarm (± 0.3V) APP DC 24V: < 21.0V Pre-Alarm, < 20V Auto-off & Alarm (± 0.5V) APP									
Input High Voltage		DC 12V: > 16V Auto-off & Alarm (± 0.5V) DC 24V: > 32V Auto-off & Alarm (± 1.0V)									
Short Circuit		Yes									
RCD (GFCI)		Optional									
Overheat		> 90°C Pre-Alarm, > 95°C Auto-off & Alarm APP									
Overload	Pre-Alarm	> 110% APP									
	Shutdown	> 120% APP									
Cooling		Intelligent Fan / Force Cooling (APP)									
Mechanical											
Fuse	DC 12V	25A x 6PCS	25A x 7PCS		30A x 8PCS		25A x 12PCS		25A x 14PCS		
	DC 24V	15A x 6PCS	15A x 7PCS		15A x 8PCS		15A x 12PCS		15A x 14PCS		
AC Outlets		EU: 2; USA: 2 (GFCI optional)									
Dimension (L x W x H)		360 x 227 x 88 mm		360 x 227 x 88 mm		430 x 227 x 88 mm		360 x 200 x 157 mm		430 x 200 x 157 mm	
Net Weight		4.3 kg		4.6 kg		5.7 kg		7.5 kg		9.0 kg	
Display		8x2 LCD (8x2 OLED optional)									
RC Accessory		RC-S-SN, RC-M-BT, RC-P-INV									
Note: (): Adjustable by Display Button (APP): Adjustable by App with RC-M-BT											



■ Smartphone Control (Remote Control RC-M-BT required)

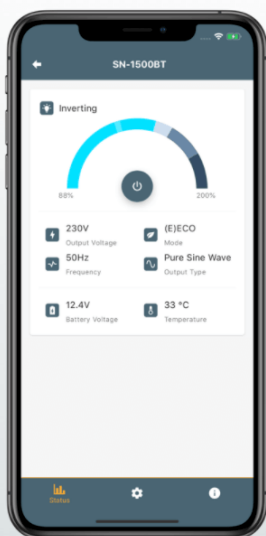
SN-400USB
SN-700USB
SN-1000
SN-1500
SN-2000
SN-1000LCD
SN-1500LCD
SN-2000LCD
SN-2500LCD
SN-3000LCD



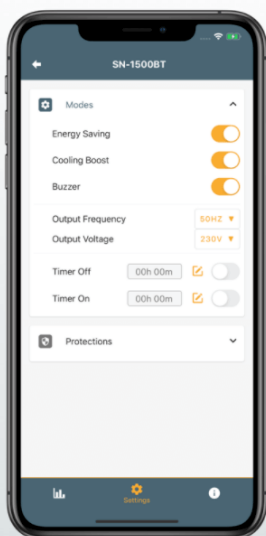
RC-M-BT



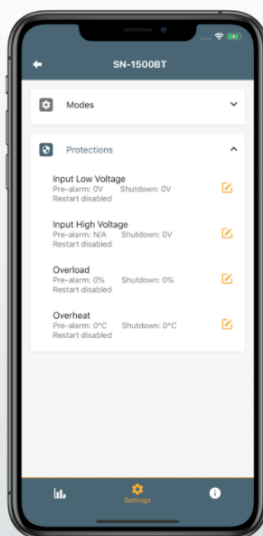
Real-time Device Status



Fully Customizable Settings



Advanced Protection Settings



Multi-Languages Support

