



Pure Sine Wave Inverter / Charger

SN-C Series



Features	
<ul style="list-style-type: none"> • Bi-directional Inverter and Charger • Pure Sine Wave Output • Microcontroller Integrated • Adjustable Energy Saving Mode • Input & Output Fully Isolation • Intelligent PWM Output Regulation 	<ul style="list-style-type: none"> • 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-400C	SN-700C	SN-1000C	SN-1500C	SN-2000CLCD	SN-2500CLCD	SN-3000CLCD	
System								
Continuous Power	400W	700W	1000W	1500W	2000W	2500W	3000W	
Surge Power	800W	1200W	2000W	3000W	4000W	5000W	6000W	
Output Voltage	100/110/120 VAC; 220/230/240 VAC							
Output Waveform	Pure Sine Wave							
Total Harmonic Distortion	< 3%							
Output USB Port	Quick Charge 3.0 x 1 Port			-		Quick Charge 3.0 x 2 Ports		
Standby Current (Normal)	DC 12V	< 0.7A	< 0.9A	< 1.0A	< 2.0A	< 2.5A		
	DC 24V	< 0.5A	< 0.6A	< 0.8A	< 1.3A	< 1.5A		
Standby Current (Saving)	-	-	< 0.1A		< 0.15A			
Output Regulation	< ±5% Intelligent PWM							
Output Frequency	50/55/60 Hz Crystal Controlled				50/60 Hz Select by Button			
Input Voltage	DC 12V: 10~15V; DC 24V: 20~30V							
Efficiency	> 85%							
Protection								
Input Type Auto-Detection	YES							
Input Polarity Reverse Prot.	Fuse							
Input Low Voltage Prot.	DC 12V: < 10.5V Pre-Alarm, < 10V Shutdown & Alarm (± 0.3V) DC 24V: < 21.0V Pre-Alarm, < 20V Shutdown & Alarm (± 0.5V)							
Input High Voltage Prot.	DC 12V: > 16V Auto-off & Alarm (± 0.5V) DC 24V: > 32V Auto-off & Alarm (± 1.0V)							
Short Circuit Protection	YES							
RCD (GFCI) Protection	Optional							
Overheat Protection	> 65°C ± 5°C Shutdown & Alarm				> 90°C Pre-Alarm, > 95°C Auto-off & Alarm			
Overload	Pre-Alarm	> 440W	> 770W	> 1000W	> 1500W	> 110%		
	Auto-Off & Alarm	> 480W	> 840W	> 1200W	> 1750W	> 120%		
Cooling	Intelligent Fan				Intelligent Fan / Force Cooling Select by Button			
Mechanical								
Fuse	DC 12V	25A x 2PCS	30A x 3PCS	25A x 6PCS	25A x 7PCS	30A x 8PCS	25A x 12PCS	25A x 14PCS
	DC 24V	15A x 2PCS	15A x 3PCS	15A x 6PCS	15A x 7PCS	15A x 8PCS	15A x 12PCS	15A x 14PCS
AC Outlets	EU: 1; USA: 2				EU: 1; USA: 1		EU: 2; USA: 2	
Dimension (L x W x H) (mm)	370 x 135 x 79	430 x 135 x 79	455 x 195 x 80	430 x 227 x 88	525 x 227 x 88	430 x 200 x 157	525 x 200 x 157	
Net Weight	1.6 kg	3.1 kg	4.8 kg	5.4 kg	7.8 kg	10.0 kg	11.0 kg	
RC Accessory	RC-S, RC-M-BT, RC-P-INC		RC-S-SN, RC-M-BT, RC-P-INC					
Battery Charger								
Charging Current	DC 12V	10A		20A				
	DC 24V	5A		10A				
Battery Full Detection	YES							
Power Auto-Switch	AC LINE -> INVERTER; INVERTER -> AC LINE							
Switching Time	AC LINE -> INVERTER: < 16ms; INVERTER -> AC LINE: < 20ms							



8x2 Smart Display: SN1000~3000C BT/LCD Models

: Display Button

