



Pure Sine Wave Inverter / Automatic Transfer Switch

SN-T-LCD Series



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



SN-2500T LCD
SN-3000T LCD



Features

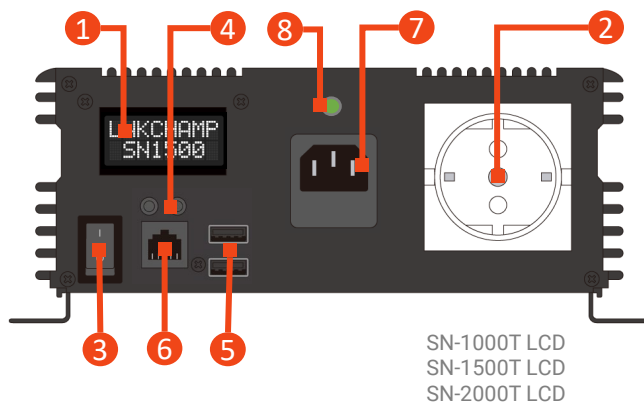
- NEW** Smart Display & Quick Charge 3.0 USB
- NEW** Settings Fully Adjustable
- NEW** UPS Mode: Automatic AC Transfer Switch
- Pure Sine Wave Inverter Output
- Microcontroller Integrated
- Energy Saving Mode & Intelligent Fan Control
- Input & Output Fully Isolation
- Intelligent PWM Output Regulation
- 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-1000T LCD		SN-1500T LCD		SN-2000T LCD	SN-2500T LCD	SN-3000T LCD
System							
Continuous Power		1000W	1500W		2000W	2500W	3000W
Surge Power		2000W	3000W		4000W	5000W	6000W
Output Voltage		EU: 220/230/240 VAC (⚙️ BTN); USA: 110/120/127 VAC (⚙️ BTN);					
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					
Output Regulation		< ±5% Intelligent PWM					
Output Frequency		50/60 Hz (⚙️ BTN)					
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 Auto-off & Alarm (± 0.3V) DC 24V: < 21.0V Pre-Alarm, < 20V Auto-off & 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		> 90°C Pre-Alarm, > 95°C Auto-off & Alarm					
Overload	Pre-Alarm	> 110%					
	Auto-off & Alarm	> 120%					
Cooling		Intelligent Fan / Force Cooling (⚙️ BTN)					
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		1				2	
Dimension (LxWxH) (mm)		360 x 227 x 88	360 x 227 x 88		430 x 227 x 88	360 x 200 x 157	430 x 200 x 157
Net Weight		4.5 kg	4.8 kg		5.9 kg	8.2 kg	9.2 kg
Display		8x2 LCD (8x2 OLED optional)					
RC Accessory		RC-S-SN, RC-M-BT, RC-P-INV					
Automatic Transfer Switch							
Maximum Current		16A					
Switching Time		AC LINE -> INVERTER: < 16ms; INVERTER -> AC LINE: < 20ms					
Note (⚙️ BTN): Adjustable in display menu by Button							

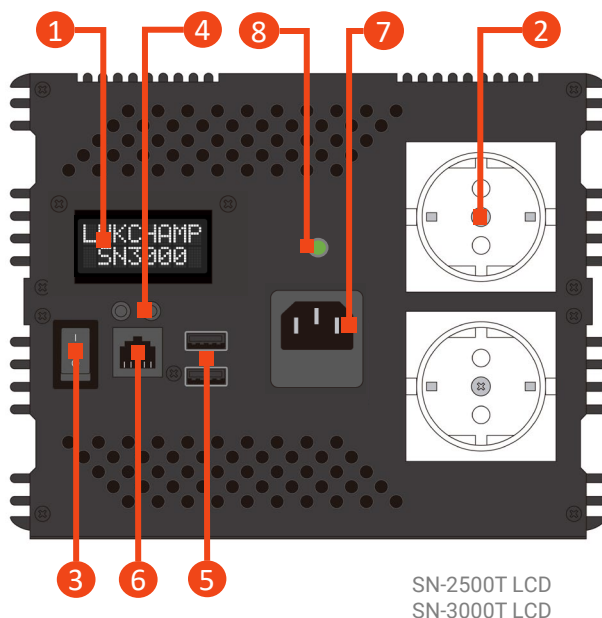


■ Front Panel

- ① 8x2 Display
- ② AC Output
- ③ Main Switch
- ④ Display Select Button
- ⑤ USB Port
- ⑥ Remote Port
- ⑦ AC Input (with Fuse)
- ⑧ AC Bypass LED



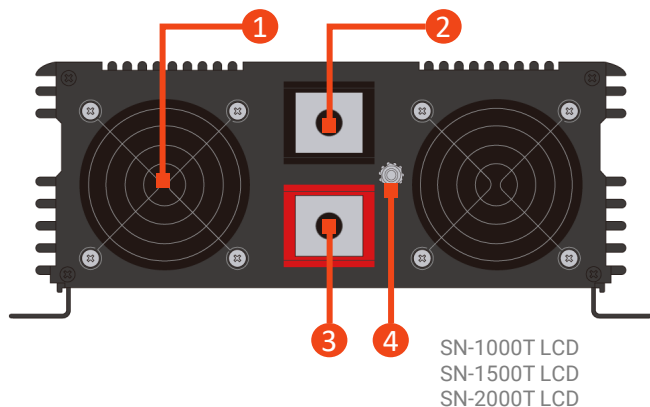
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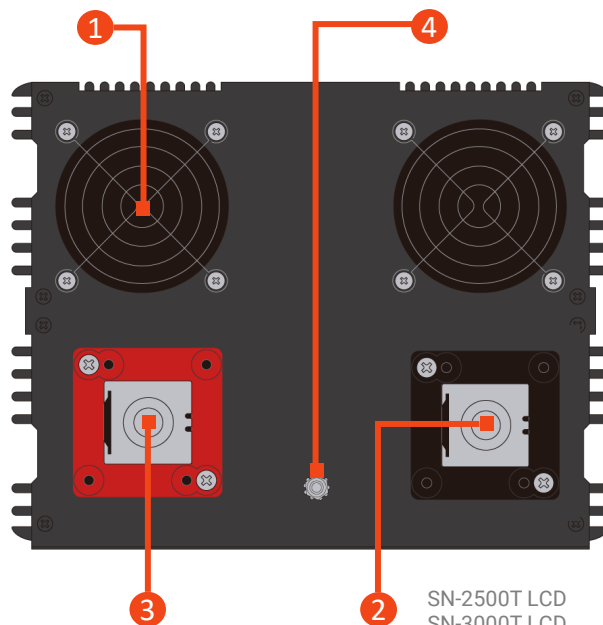
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■ Rear Panel

- ① Fan
- ② Negative Terminal
- ③ Positive Terminal
- ④ Ground Terminal



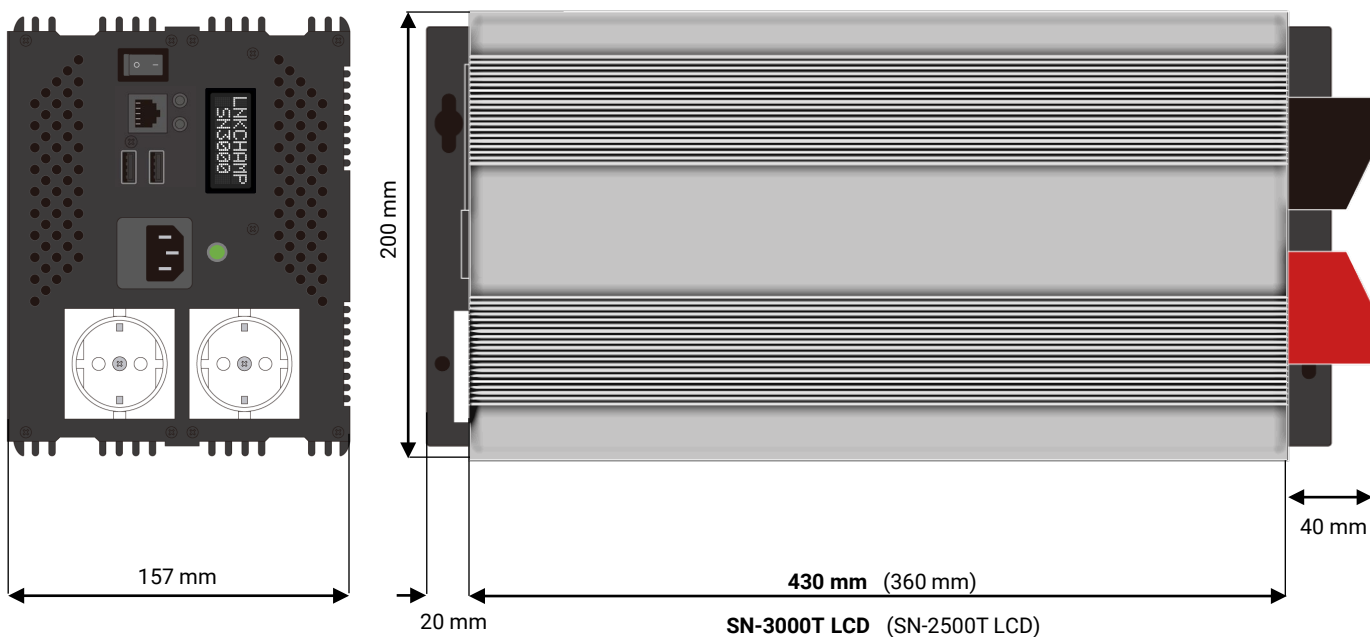
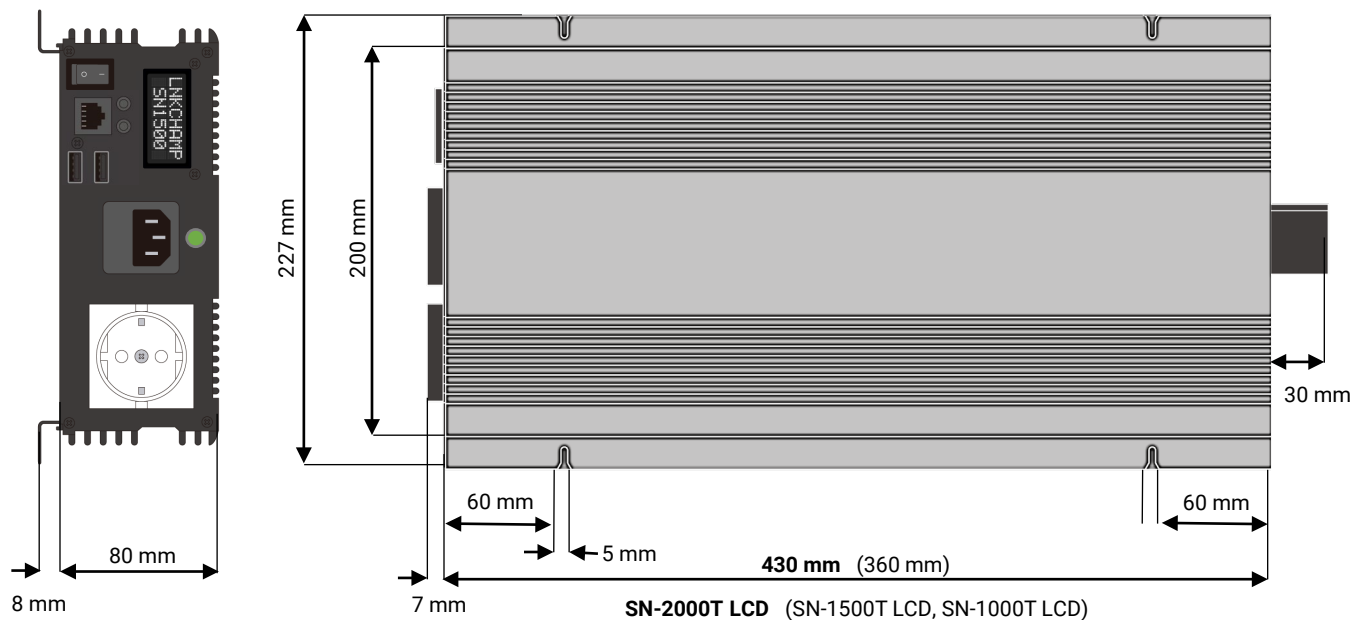
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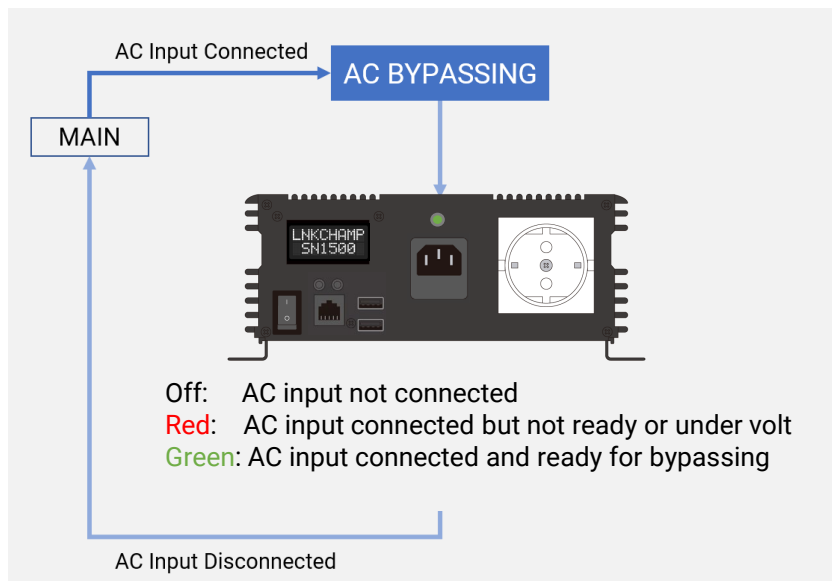
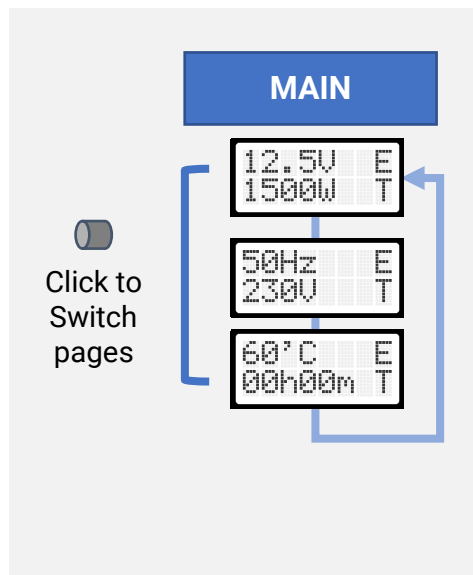


■ Mechanical Drawings





■ **8x2 Smart Display** : Display Button



When encountering
Protection events

