WZRELB Pure Sine Wave Inverter

RS/485 Series (300W-5000W)

Features

- Rated power : 300W -5000W
- Pure sine wave inverter
- DC/AC LED Display
- Built-in soft starter
- Built-in intelligent temperature control cooling fans
- 11 KINDS OF PROTECTIONS
- Wireless /wired remote monitoring (optional)
- Compatible with various batteries on the market
- Support custom output sockets as needed
- Communicate among multiple computers within up to 1km
- Can be added to inverter

Introduction

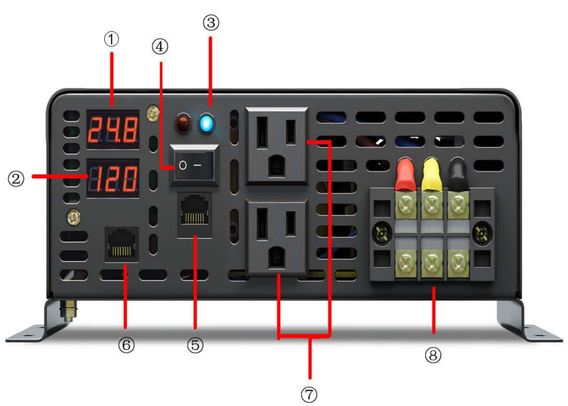
RS/485 Series is a multi-functional inverter with FULL SAFETY PROTECTION,Isolated input and output Design,Over voltage,Low voltage,Overload,Short circuit,Over heat,polarity reverse protection(fuse).

RS/485 Communication Interface could communicate among multiple computers within up to 1km. Real-time Monitor and set the parameters via mobile phone APP or PC software,keep your system running at full potential without any drop.

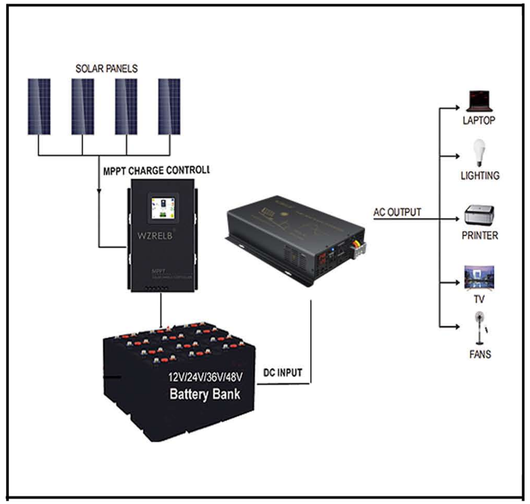
Also attached with wired remote control, more convenient to operate.

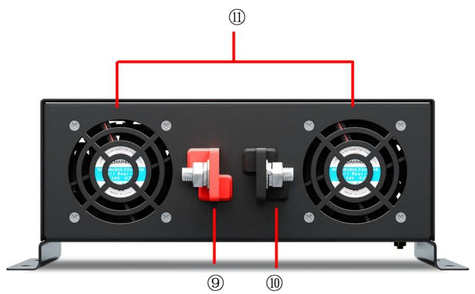
Function Description

1. DC Input LED Display
2. AC Output LED Display
3. Status Indicator
4. On/off Switch
5. Wired remote control interface
6. RS/485 Communication Interface
7. standard US sockets
8. Hardwire Terminal
9. Battery input positive
10. Battery input negative
11. Cooling Fan

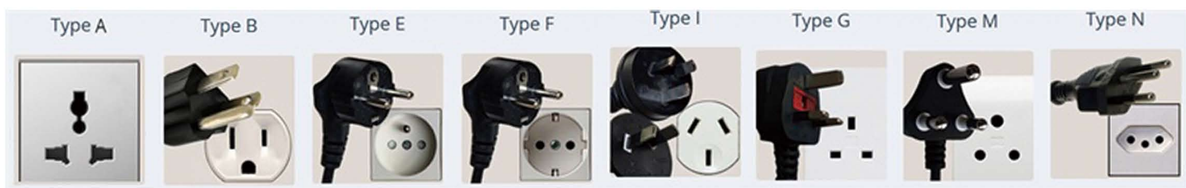


Solar system connection





Specification Data

Model		RS-300W	RS-500W	RS-800W	RS-1000W	RS-1500W	RS-2000W	RS-2500W	RS-3000W	RS-3500W	RS-4000W	RS-5000W
Input	DC Voltage	12V or 24V or 36V or 48V or 60V or 72V or 96Vor 110V										
	Voltage Range	10-15VDC or 21-30VDC or 31-45VDC or 42-60VDC										
	No Load Current	<0.5A	<0.6A	<0.6A	<0.6A	<0.8A	<0.8A	<1A	<1A	<1A	<1.2A	<1.8A
	Efficiency	>90%										
	DC Connector	Cables With Clips or Car Adaptor										
Output	AC Voltage	100/110/120VAC or 220/230/240VAC										
	Continuous Power	300W	500W	800W	1000W	1500W	2000W	2500W	3000W	3500W	4000W	5000W
	Surge Power	600W	1000W	1600W	2000W	3000W	4000W	5000W	6000W	7000W	8000W	10000W
	Waveform	Pure Sine Wave										
	Frequency	50Hz or 60Hz										
	AC Regulation	3%										
Protection	Low Voltage Alarm	9.5-10.5v / 19.5-21.5v / 29.5v-31.5v / 43-45v / 50.5-51.5v / 60.5-61.5v / 76-77v / 91-93v										
	Low Voltage Shut	9-10v / 18.5-20.5v / 29-30v / 41.5-42.5v / 50-51v /60-61v / 74-76v / 90v										
	Over Load	Shut Off Output										
	Over Voltage Shut	15.5v / 30.5v / 45.5v /61.5v /75v / 90v / 115v / 135v										
	Over Thermal	Shut Off Output Automatically										
	Fuses	Short Circuit										
Environment	Working	Between -10°C and +50°C										
	Working Humidity	20%-90%RH non-condensing										
	Storage	Between -30°C and +70°C										
Others	Start	Soft Start										
	Cooling Ways	Cooling Fan										
	Total Harmonic	THD < 5%										
	Machine size	239 * 198 * 94MM			264 * 246 * 94MM		360 * 246 * 94MM			467 * 246* 94MM		
	Machine weight(KG)	2.4KG			3.6KG		5.2KG			7.9KG		

Output Socket