

ZHENGXI
MAKE ELECTRICITY SIMPLER AND SAFER



ZHEJIANG ZHENGXI ELECTRIC GROUP CO.,LTD.

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**PURE SINE
WAVE INVERTER**

COMPANY PROFILE

Zhejiang Zhengxi Electric Group Co.,Ltd specialized in the research and development, production and sales of high and low voltage power products such as voltage stabilizers, transformers, voltage regulators, frequency inverters, soft starters, high and low voltage distribution cabinets.

Zhengxi has professional technical R&D teams to support the development of circuit board source program technology and appearance mold design and development. So far, our company has collaborated with more than 10,000 well-known domestic enterprises and universities. Our products are widely exported to Southeast Asia and Africa, earning global recognition. Zhengxi takes "providing customized product solutions to make electricity use easier" as its mission and is willing to become a leading enterprise with vitality, continuous innovation, long-term responsibility, and a long-lasting foundation! Our company was awarded the title of Zhejiang Science and Technology Enterprise in 2019,and has obtained IEC,CE,ISO9001 and ISO14001 certification.We support OEM/ODM,provide appearance proofing, and offer source program development and design.

Zhengxi Group – Your reliable partner in power stability.



8,000m²
Plant size

100+
Sillful Workers

10+
R&D Staff

20+
Years Production Experienc

1,000+
Million Annual Output Value



Pure sine wave inverter

RSP 300W



Model		RSP-300W	
Rated Power		300W	
Peak power		600W	
Input Voltage		12V/24V/48V	
Output voltage		100-120V or 220V-240V,50Hz or 60Hz	
Output waveform		Pure sine wave inverter	
USB port		5V, 2.1A	
Waveform distortion		THD < 3% (Linear load)	
Conversion efficiency		90%	
Product dimensions		19.5*11*5.5cm	
NET/gross weight of product		0.85kg,1.05kg	
Quantity/weight packed		12台, 13.2kg	
Packing size		38.5*31.5*37.5cm	
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.27V	(48V)40.2-60.4V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V	(48V)42V±1V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V	(48V)40V±1V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V	(48V)48V±1V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V	(48V)61V±1V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V	(48V)59V±1V
Display options	No display		
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)		
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)		
Fuse	DC short circuit protection		
Circuit topology	High frequency chain		
Cooling mode	Intelligent air-cooled, built-in heat sink		



Pure sine wave inverter

RSP 500W



Model		RSP-500W	
Rated Power		500W	
Peak power		1000W	
Input Voltage		12V/24V/48V	
Output voltage		100-120V or 220V-240V,50Hz or 60Hz	
Output waveform		Pure sine wave inverter	
USB port		5V, 2.1A	
Waveform distortion		THD < 3% (Linear load)	
Conversion efficiency		90%	
Product dimensions		26.5*15*8cm	
NET/gross weight of product		1.85kg/2.15kg	
Quantity/weight packed		8台, 18.05kg	
Packing size		52*31.5*40cm	
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.27V	(48V)40.2-60.4V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V	(48V)42V±1V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V	(48V)40V±1V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V	(48V)48V±1V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V	(48V)61V±1V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V	(48V)59V±1V
Display options	High-definition LED digital display, liquid crystal display, no display		
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)		
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)		
Fuse	DC short circuit protection		
Circuit topology	High frequency chain		
Cooling mode	Intelligent air-cooled, built-in heat sink		



Pure sine wave inverter

RSP 600W



Model		RSP-600W	
Rated Power		600W	
Peak power		1200W	
Input Voltage		12V/24V/48V	
Output voltage		100-120V or 220V-240V,50Hz or 60Hz	
Output waveform		Pure sine wave inverter	
USB port		5V, 2.1A	
Waveform distortion		THD < 3% (Linear load)	
Conversion efficiency		90%	
Product dimensions		26.5*15*8cm	
NET/gross weight of product		1.85kg/2.15kg	
Quantity/weight packed		8台, 18.05kg	
Packing size		52*31.5*40cm	
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.27V	(48V)40.2-60.4V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V	(48V)42V±1V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V	(48V)40V±1V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V	(48V)48V±1V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V	(48V)61V±1V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V	(48V)59V±1V
Display options	High-definition LED digital display, liquid crystal display, no display		
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)		
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)		
Fuse	DC short circuit protection		
Circuit topology	High frequency chain		
Cooling mode	Intelligent air-cooled, built-in heat sink		



Pure sine wave inverter

RSP 1000W



Model		RSP-1000W	
Rated Power		1000W	
Peak power		2000W	
Input Voltage		12V/24V/48V	
Output voltage		100-120V or 220V-240V,50Hz or 60Hz	
Output waveform		Pure sine wave inverter	
USB port		5V, 2.1A	
Waveform distortion		THD < 3% (Linear load)	
Conversion efficiency		90%	
Product dimensions		34.5*16.5*9cm	
NET/gross weight of product		2.75kg/3.25kg	
Quantity/weight packed		4台, 13.5kg	
Packing size		47.5*41*29.5cm	
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.27V	(48V)40.2-60.4V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V	(48V)42V±1V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V	(48V)40V±1V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V	(48V)48V±1V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V	(48V)61V±1V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V	(48V)59V±1V
Display options	High-definition LED digital display, liquid crystal display, no display		
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)		
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)		
Fuse	DC short circuit protection		
Circuit topology	High frequency chain		
Cooling mode	Intelligent air-cooled, built-in heat sink		



Pure sine wave inverter

RSP 1500W



Model	RSP-1500W		
Rated Power	1500W		
Peak power	3000W		
Input Voltage	12V/24V/48V		
Output voltage	100-120V or 220V-240V,50Hz or 60Hz		
Output waveform	Pure sine wave inverter		
USB port	5V, 2.1A		
Waveform distortion	THD < 3% (Linear load)		
Conversion efficiency	90%		
Product dimensions	38*16.5*9cm		
NET/gross weight of product	4.1kg/4.23kg		
Quantity/weight packed	4台, 17.7kg		
Packing size	47.5*41*29.5cm		
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.27V	(48V)40.2-60.4V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V	(48V)42V±1V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V	(48V)40V±1V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V	(48V)48V±1V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V	(48V)61V±1V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V	(48V)59V±1V
Display options	High-definition LED digital display, liquid crystal display, no display		
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)		
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)		
Fuse	DC short circuit protection		
Circuit topology	High frequency chain		
Cooling mode	Intelligent air-cooled, built-in heat sink		



Pure sine wave inverter

RSP 2000W



Model	RSP-2000W		
Rated Power	2000W		
Peak power	4000W		
Input Voltage	12V/24V/48V		
Output voltage	100-120V or 220V-240V,50Hz or 60Hz		
Output waveform	Pure sine wave inverter		
USB port	5V, 2.1A		
Waveform distortion	THD < 3% (Linear load)		
Conversion efficiency	90%		
Product dimensions	42*16.5*9cm		
NET/gross weight of product	4.3kg/4.98kg		
Quantity/weight packed	4台, 20.7kg		
Packing size	47.5*41*29.5cm		
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.27V	(48V)40.2-60.4V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V	(48V)42V±1V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V	(48V)40V±1V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V	(48V)48V±1V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V	(48V)61V±1V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V	(48V)59V±1V
Display options	High-definition LED digital display, liquid crystal display, no display		
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)		
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)		
Fuse	DC short circuit protection		
Circuit topology	High frequency chain		
Cooling mode	Intelligent air-cooled, built-in heat sink		



Pure sine wave inverter

RSP 2500W



Model		RSP-2500W	
Rated Power		2500W	
Peak power		5000W	
Input Voltage		12V/24V/48V	
Output voltage		100-120V or 220V-240V,50Hz or 60Hz	
Output waveform		Pure sine wave inverter	
USB port		5V, 2.1A	
Waveform distortion		THD < 3% (Linear load)	
Conversion efficiency		90%	
Product dimensions		42*16.5*9cm	
NET/gross weight of product		4.3kg/4.98kg	
Quantity/weight packed		4台, 20.7kg	
Packing size		47.5*41*29.5cm	
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.27V	(48V)40.2-60.4V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V	(48V)42V±1V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V	(48V)40V±1V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V	(48V)48V±1V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V	(48V)61V±1V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V	(48V)59V±1V
Display options	High-definition LED digital display, liquid crystal display, no display		
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)		
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)		
Fuse	DC short circuit protection		
Circuit topology	High frequency chain		
Cooling mode	Intelligent air-cooled, built-in heat sink		



Pure sine wave inverter

RSP 3000W



Model		RSP-3000W	
Rated Power		3000W	
Peak power		6000W	
Input Voltage		12V/24V/48V	
Output voltage		100-120V or 220V-240V,50Hz or 60Hz	
Output waveform		Pure sine wave inverter	
USB port		5V, 2.1A	
Waveform distortion		THD < 3% (Linear load)	
Conversion efficiency		90%	
Product dimensions		38*15*20cm	
NET/gross weight of product		7.45kg/8.6kg	
Quantity/weight packed		2台, 18.15kg	
Packing size		50*30.5*49.5cm	
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.27V	(48V)40.2-60.4V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V	(48V)42V±1V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V	(48V)40V±1V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V	(48V)48V±1V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V	(48V)61V±1V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V	(48V)59V±1V
Display options	High-definition LED digital display, liquid crystal display, no display		
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)		
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)		
Fuse	DC short circuit protection		
Circuit topology	High frequency chain		
Cooling mode	Intelligent air-cooled, built-in heat sink		



Pure sine wave inverter

RSP 4000W



Model	RSP-3000W		
Rated Power	3000 W		
Peak power	6000W		
Input Voltage	12V/24V/48V		
Output voltage	100-120V or 220V-240V,50Hz or 60Hz		
Output waveform	Pure sine wave inverter		
USB port	5V, 2.1A		
Waveform distortion	THD < 3% (Linear load)		
Conversion efficiency	90%		
Product dimensions	47*15*20cm		
NET/gross weight of product	8.5kg/10.27kg		
Quantity/weight packed	2台, 21.5kg		
Packing size	59.5*30.5*49.5cm		
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.27V	(48V)40.2-60.4V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V	(48V)42V±1V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V	(48V)40V±1V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V	(48V)48V±1V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V	(48V)61V±1V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V	(48V)59V±1V
Display options	High-definition LED digital display, liquid crystal display, no display		
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)		
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)		
Fuse	DC short circuit protection		
Circuit topology	High frequency chain		
Cooling mode	Intelligent air-cooled, built-in heat sink		



Pure sine wave inverter

RSP 5000W



Model	RSP-3000W		
Rated Power	3000 W		
Peak power	6000W		
Input Voltage	12V/24V/48V		
Output voltage	100-120V or 220V-240V,50Hz or 60Hz		
Output waveform	Pure sine wave inverter		
USB port	5V, 2.1A		
Waveform distortion	THD < 3% (Linear load)		
Conversion efficiency	90%		
Product dimensions	47*15*20cm		
NET/gross weight of product	8.6kg/10.4kg		
Quantity/weight packed	2台, 21.75kg		
Packing size	59.5*30.5*49.5cm		
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.27V	(48V)40.2-60.4V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V	(48V)42V±1V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V	(48V)40V±1V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V	(48V)48V±1V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V	(48V)61V±1V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V	(48V)59V±1V
Display options	High-definition LED digital display, liquid crystal display, no display		
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)		
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)		
Fuse	DC short circuit protection		
Circuit topology	High frequency chain		
Cooling mode	Intelligent air-cooled, built-in heat sink		



Pure sine wave inverter

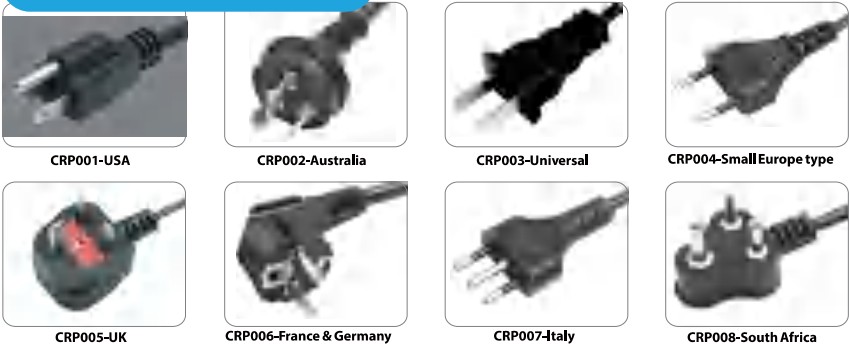
RSP 6000W

Model	RSP-3000W		
Rated Power	3000W		
Peak power	6000W		
Input Voltage	12V/24V/48V		
Output voltage	100-120V or 220V-240V,50Hz or 60Hz		
Output waveform	Pure sine wave inverter		
USB port	5V, 2.1A		
Waveform distortion	THD < 3% (Linear load)		
Conversion efficiency	90%		
Product dimensions	47*15*20cm		
NET/gross weight of product	8.7kg/10.52kg		
Quantity/weight packed	2台, 21.95kg		
Packing size	59.5*30.5*49.5cm		
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.27V	(48V)40.2-60.4V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V	(48V)42V±1V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V	(48V)40V±1V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V	(48V)48V±1V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V	(48V)61V±1V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V	(48V)59V±1V
Display options	High-definition LED digital display, liquid crystal display, no display		
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)		
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)		
Fuse	DC short circuit protection		
Circuit topology	High frequency chain		
Cooling mode	Intelligent air-cooled, built-in heat sink		

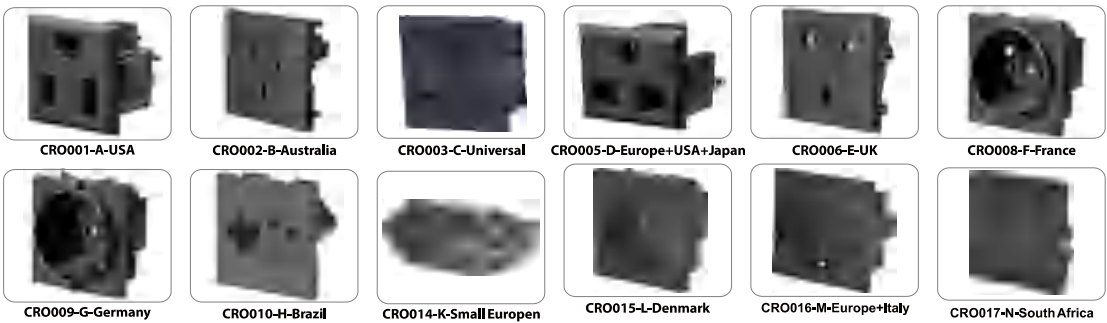


Pure sine wave inverter

Power Cord



Socket



Pure Sine Wave
bi-directional inverter

RSU 500W

Model		RSU-500W	
Rated Power		500W	
Peak power		1000W	
Input Voltage		12V/24V	
Output voltage		100-120V or 220V-240V,50Hz or 60Hz	
Output waveform		Pure sine wave inverter	
Charging current		10A, 20A	
Inverter first		Default inversion priority	
USB port		5V, 2.1A	
Waveform distortion		THD < 3% (Linear load)	
Conversion efficiency		90%	
Product dimensions		37*16.5*9cm	
NET/gross weight of product		3.05kg/4.35kg	
Quantity/weight packed		4台, 17.4kg	
Packing size		62*32*46cm	
Voltage Range		(12V)9.55-15.5V	(24V)19.8-30.3V
Under-pressure alarm		(12V)10.5±0.5V	(24V)21V±0.5V
Under-voltage protection		(12V)9.5±0.5V	(24V)20V±0.5V
Under-pressure recovery		(12V)13±0.5V	(24V)24V±0.5V
High Voltage Alarm		(12V)15.5±0.5V	(24V)31V±0.5V
High pressure recovery		(12V)14.8±0.5V	(24V)29.5±0.5V
Display options		High-definition LED digital display, no display	
LED indicator light		Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)	
Protection function		Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)	
Fuse		DC short circuit protection	
Circuit topology		High frequency chain	
Cooling mode		Intelligent air-cooled, built-in heat sink	



Pure Sine Wave
bi-directional inverter

RSU 1000W

Model		RSU-1000W	
Rated Power		1000W	
Peak power		2000W	
Input Voltage		12V/24V	
Output voltage		100-120V or 220V-240V,50Hz or 60Hz	
Output waveform		Pure sine wave inverter	
Charging current		10A, 20A	
Inverter first		Default inversion priority	
USB port		5V, 2.1A	
Waveform distortion		THD < 3% (Linear load)	
Conversion efficiency		90%	
Product dimensions		40.5*16.5*9cm	
NET/gross weight of product		3.85kg/4.55kg	
Quantity/weight packed		4台, 19.15kg	
Packing size		62*32*46cm	
Voltage Range		(12V)9.55-15.5V	(24V)19.8-30.3V
Under-pressure alarm		(12V)10.5±0.5V	(24V)21V±0.5V
Under-voltage protection		(12V)9.5±0.5V	(24V)20V±0.5V
Under-pressure recovery		(12V)13±0.5V	(24V)24V±0.5V
High Voltage Alarm		(12V)15.5±0.5V	(24V)31V±0.5V
High pressure recovery		(12V)14.8±0.5V	(24V)29.5±0.5V
Display options		High-definition LED digital display, no display	
LED indicator light		Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)	
Protection function		Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)	
Fuse		DC short circuit protection	
Circuit topology		High frequency chain	
Cooling mode		Intelligent air-cooled, built-in heat sink	



Pure Sine Wave
bi-directional inverter

RSU 1500W

Model		RSU-1500W
Rated Power		1500W
Peak power		3000W
Input Voltage		12V/24V
Output voltage		100-120V or 220V-240V,50Hz or 60Hz
Output waveform		Pure sine wave inverter
Charging current		10A, 20A
Inverter first		Default inversion priority
USB port		5V, 2.1A
Waveform distortion		THD < 3% (Linear load)
Conversion efficiency		90%
Product dimensions		50*16.5*9cm
NET/gross weight of product		5.05kg/5.75kg
Quantity/weight packed		4台, 23.95kg
Packing size		62*32*46cm
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.3V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V
Display options	High-definition LED digital display, no display	
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)	
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)	
Fuse	DC short circuit protection	
Circuit topology	High frequency chain	
Cooling mode	Intelligent air-cooled, built-in heat sink	



Pure Sine Wave
bi-directional inverter

RSU 2000W

Model		RSU-2000W
Rated Power		2000W
Peak power		4000W
Input Voltage		12V/24V
Output voltage		100-120V or 220V-240V,50Hz or 60Hz
Output waveform		Pure sine wave inverter
Charging current		10A, 20A
Inverter first		Default inversion priority
USB port		5V, 2.1A
Waveform distortion		THD < 3% (Linear load)
Conversion efficiency		90%
Product dimensions		54*16.5*9cm
NET/gross weight of product		5.3kg/6.15kg
Quantity/weight packed		4台, 25.55kg
Packing size		62*32*46cm
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.3V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V
Display options	High-definition LED digital display, no display	
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)	
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)	
Fuse	DC short circuit protection	
Circuit topology	High frequency chain	
Cooling mode	Intelligent air-cooled, built-in heat sink	



Pure Sine Wave
bi-directional inverter



RSU 2500W

Model	RSU-2500W	
Rated Power	2500W	
Peak power	5000W	
Input Voltage	12V/24V	
Output voltage	100-120V or 220V-240V,50Hz or 60Hz	
Output waveform	Pure sine wave inverter	
Charging current	10A, 20A	
Inverter first	Default inversion priority	
USB port	5V, 2.1A	
Waveform distortion	THD < 3% (Linear load)	
Conversion efficiency	90%	
Product dimensions	54*16.5*9cm	
NET/gross weight of product	5.3kg/6.15kg	
Quantity/weight packed	4台, 25.55kg	
Packing size	62*32*46cm	
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.3V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V
Display options	High-definition LED digital display, no display	
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)	
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)	
Fuse	DC short circuit protection	
Circuit topology	High frequency chain	
Cooling mode	Intelligent air-cooled, built-in heat sink	



Pure Sine Wave
bi-directional inverter



RSU 3000W

Model	RSU-3000W	
Rated Power	3000W	
Peak power	6000W	
Input Voltage	12V/24V	
Output voltage	100-120V or 220V-240V,50Hz or 60Hz	
Output waveform	Pure sine wave inverter	
Charging current	10A, 20A	
Inverter first	Default inversion priority	
USB port	5V, 2.1A	
Waveform distortion	THD < 3% (Linear load)	
Conversion efficiency	90%	
Product dimensions	51*15*20cm	
NET/gross weight of product	9.1kg/10.15kg	
Quantity/weight packed	2台, 21.25kg	
Packing size	59.5*30.5*49.5cm	
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.3V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V
Display options	High-definition LED digital display, no display	
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)	
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)	
Fuse	DC short circuit protection	
Circuit topology	High frequency chain	
Cooling mode	Intelligent air-cooled, built-in heat sink	



Pure Sine Wave
bi-directional inverter

RSU 4000W



ModelRSU-4000W		
Rated Power4000W		
Peak power8000W		
Input Voltage12V/24V		
Output voltage100-120V or 220V-240V,50Hz or 60Hz		
Output waveformPure sine wave inverter		
Charging current10A, 20A		
Inverter firstDefault inversion priority		
USB port5V, 2.1A		
Waveform distortionTHD < 3% (Linear load)		
Conversion efficiency90%		
Product dimensions51*15*20cm		
NET/gross weight of product9.85kg/11.01kg		
Quantity/weight packed2台, 22.95kg		
Packing size59.5*30.5*49.5cm		
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.3V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V
Display options	High-definition LED digital display, no display	
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)	
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)	
Fuse	DC short circuit protection	
Circuit topology	High frequency chain	
Cooling mode	Intelligent air-cooled, built-in heat sink	



Pure Sine Wave
bi-directional inverter

RSU 5000W



ModelRSU-5000W		
Rated Power5000W		
Peak power10000W		
Input Voltage12V/24V		
Output voltage100-120V or 220V-240V,50Hz or 60Hz		
Output waveformPure sine wave inverter		
Charging current10A, 20A		
Inverter firstDefault inversion priority		
USB port5V, 2.1A		
Waveform distortionTHD < 3% (Linear load)		
Conversion efficiency90%		
Product dimensions51*15*20cm		
NET/gross weight of product9.95kg/11.2kg		
Quantity/weight packed2台, 23.15kgkg		
Packing size59.5*30.5*49.5cm		
Voltage Range	(12V)9.55-15.5V	(24V)19.8-30.3V
Under-pressure alarm	(12V)10.5±0.5V	(24V)21V±0.5V
Under-voltage protection	(12V)9.5±0.5V	(24V)20V±0.5V
Under-pressure recovery	(12V)13±0.5V	(24V)24V±0.5V
High Voltage Alarm	(12V)15.5±0.5V	(24V)31V±0.5V
High pressure recovery	(12V)14.8±0.5V	(24V)29.5±0.5V
Display options	High-definition LED digital display, no display	
LED indicator light	Blue Light (AC output normal) ; red light flashing (undervoltage/overvoltage, overload, high temperature, short circuit)	
Protection function	Undervoltage/overvoltage, overload, high temperature, ac short circuit protection (positive and negative wiring protection-replace the insurance)	
Fuse	DC short circuit protection	
Circuit topology	High frequency chain	
Cooling mode	Intelligent air-cooled, built-in heat sink	

