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DC-AC Pure Sine Wave Inverter

DC-AC Modified Sine Wave Inverter

DC-AC-DC Inverter Charger

AC-DC Battery Charger

AC-AC VOLTAGE TRANSFORMER

JUMP STARTER



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01

PSW-12V-110V/220V LCD PURE SINE WAVE INVERTER

12VDC-220VAC Detachable LCD display & Power Saving mode and re-setting functions Pure Sine Wave inverter



LCD Display Frame



Wenchi Bluetooth Dongle

DC-AC Pure Sine Wave Inverter

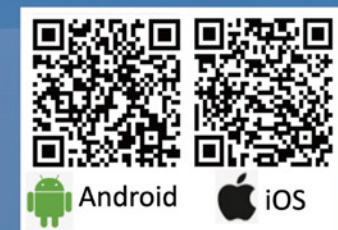
PSW-12V-110V/220V LCD PURE SINE WAVE INVERTER

INT-12V-220V PURE SINE WAVE INVERTER

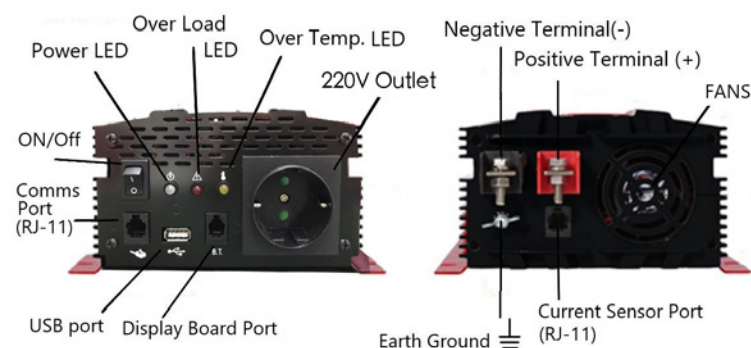
BOU-48V-220V PURE SINE WAVE INVERTER



Smart Inverter with APP & Bluetooth USB dongle



PSW-12V-110V/220V LCD PURE SINE WAVE INVERTER PSW-600W



MODEL NO.	PSW600W
Continuous Power Rating (Up To 12 Hrs)	600W
Peak Power Rating (Up To 200ms)	1200W
Input Voltage	9.5V-16.5V(12V nom) 19-33V(24V nom)
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion
Input Current	59Amp/29.5Amp (max)
Output Voltage	210V/220V/230V/240VAC $\pm$ 10%
No Load Current	<1.5Amp
Efficiency @75% Load	90% max.
Power Saving Mode Current	0.3Amp
OUTPUT FREQUENCY	50Hz/60Hz
Low Battery Alarm	10.0V-11.5V $\pm$ 0.5V 20.0V-23.0V $\pm$ 0.5V
LOW BATTERY SHUTDOWN	9.5V-11.0V $\pm$ 0.5V 19.0V-22.0V $\pm$ 0.5V
THERMAL PROTECTION	60 $\pm$ 10° C 140 $\pm$ 18° F
USB Port	2.1Amp
Dimensions (LxWxH)	330*170*81.5mm No RCD: 335*170*81.5mm
Net Weight	3.3kgs
Optional Parts	LCD display & frame kit, current sensor



Pure Sine Wave



Power Saving



Wireless APP

PSW-12V-110V/220V LCD PURE SINE WAVE INVERTER PSW-1000W



- 1 - Mains 230V AC outlet(s)
2 - Power on/off switch
3 - Power indicator
4 - Over load indicator
5 - Over temperature indicator
6 - LCD display*
7 - Comms port (RJ-11)
8 - USB port (2.1A)
9 - Display port (RJ-11)**
10 - Sensor port (RJ-11)
11 - Battery positive(+)
12 - Battery negative(-)
13 - Earth connection
14 - Cooling fan(s)

*Only fitted on 1000/2000W models

**Display port is behind LCD display on 1000/2000/3000W models

MODEL NO.	PSW-1000W
Continuous Power Rating (Up To 12 Hrs)	1000W
Peak Power Rating (Up To 200ms)	2000W
Input Voltage	9.5V-16.5V(12V nom) 19-33V(24V nom)
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion
Output Voltage	210V/220V/230V/240VAC $\pm$ 10%
Input Current	98Amps 49Amps (max.)
No Load Current	<1.5Amp <1.1Amp
Efficiency @75% Load	90% max.
Power Saving Mode Current	<0.3Amp
RCD Tripping Current	30mA
OUTPUT FREQUENCY	50Hz/60Hz
Low Battery Alarm	10.0V-11.5V $\pm$ 0.5V 20.0V-23.0V $\pm$ 0.5V
LOW BATTERY SHUTDOWN	9.5V-11.0V $\pm$ 0.5V 19.0V-22.0V $\pm$ 0.5V
THERMAL PROTECTION	60 $\pm$ 10° C 140 $\pm$ 18° F
USB Port	2.1Amp
Dimensions (LxWxH)	340*247*100mm
Net Weight	5.0kgs
Optional Parts	LCD frame kit, current sensor, IEC plug



Pure Sine Wave



Power Saving



Wireless APP

PSW-12V-110V/220V LCD PURE SINE WAVE INVERTER PSW-1500W



- 1000/2000 Models
- ① - Mains 230V AC outlet(s)
 - ② - Power on/off switch
 - ③ - Power indicator
 - ④ - Over load indicator
 - ⑤ - Over temperature indicator
 - ⑥ - LCD display*
 - ⑦ - Comms port (RJ-11)
 - ⑧ - USB port (2.1A)
 - ⑨ - Display port (RJ-11)**
 - ⑩ - Sensor port (RJ-11)
- *Only fitted on 1000/2000W models
**Display port is behind LCD display on 1000/2000/3000W models

- ⑪ - Battery positive(+)
- ⑫ - Battery negative(-)
- ⑬ - Earth connection
- ⑭ - Cooling fan(s)

MODEL NO.	PSW-1500W
Continuous Power Rating (Up To 12 Hrs)	1500W
Peak Power Rating (Up To 200ms)	3000W
Input Voltage	9.5V-16.5V(12V nom) 19-33V(24V nom)
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion
Output Voltage	210V/220V/230V/240VAC $\pm$ 10%
Input Current	147Amps 73.5Amps (max.)
No Load Current	<1.8Amp <1.3Amp
Efficiency @75% Load	90% max.
Power Saving Mode Current	<0.3Amp
RCD Tripping Current	30mA
OUTPUT FREQUENCY	50Hz/60Hz
Low Battery Alarm	10.0V-11.5V $\pm$ 0.5V 20.0V-23.0V $\pm$ 0.5V
LOW BATTERY SHUTDOWN	9.5V-11.0V $\pm$ 0.5V 19.0V-22.0V $\pm$ 0.5V
THERMAL PROTECTION	60 $\pm$ 10° C 140 $\pm$ 18° F
USB Port	2.1Amp
Dimensions (LxWxH)	370*247*100mm
Net Weight	5.6kgs
Optional Parts	LCD frame kit, current sensor, IEC plug



Pure Sine Wave



Power Saving



Wireless APP

PSW-12V-110V/220V LCD PURE SINE WAVE INVERTER PSW-2000W



- 1000/2000 Models
- ① - Mains 230V AC outlet(s)
 - ② - Power on/off switch
 - ③ - Power indicator
 - ④ - Over load indicator
 - ⑤ - Over temperature indicator
 - ⑥ - LCD display*
 - ⑦ - Comms port (RJ-11)
 - ⑧ - USB port (2.1A)
 - ⑨ - Display port (RJ-11)**
 - ⑩ - Sensor port (RJ-11)
- *Only fitted on 1000/2000W models
**Display port is behind LCD display on 1000/2000/3000W models

- ⑪ - Battery positive(+)
- ⑫ - Battery negative(-)
- ⑬ - Earth connection
- ⑭ - Cooling fan(s)

MODEL NO.	PSW-2000W
Continuous Power Rating (Up To 12 Hrs)	2000W
Peak Power Rating (Up To 200ms)	4000W
Input Voltage	9.5V-16.5V(12V nom) 19-33V(24V nom)
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion
Output Voltage	210V/220V/230V/240VAC $\pm$ 10%
Input Current	196Amps 98Amps (max.)
No Load Current	<2.0Amp <1.5Amp
Efficiency @75% Load	90% max.
Power Saving Mode Current	<0.3Amp
RCD Tripping Current	30mA
OUTPUT FREQUENCY	50Hz/60Hz
Low Battery Alarm	10.0V-11.5V $\pm$ 0.5V 20.0V-23.0V $\pm$ 0.5V
LOW BATTERY SHUTDOWN	9.5V-11.0V $\pm$ 0.5V 19.0V-22.0V $\pm$ 0.5V
THERMAL PROTECTION	60 $\pm$ 10° C 140 $\pm$ 18° F
USB Port	2.1Amp
Dimensions (LxWxH)	400*247*100mm
Net Weight	6.6kgs
Optional Parts	LCD frame kit, current sensor, IEC plug



Pure Sine Wave



Power Saving



Wireless APP

PSW-12V-110V/220V LCD PURE SINE WAVE INVERTER PSW-2500W



- 1000/2000 Models
- ① - Mains 230V AC outlet(s)
 - ② - Power on/off switch
 - ③ - Power indicator
 - ④ - Over load indicator
 - ⑤ - Over temperature indicator
 - ⑥ - LCD display*
 - ⑦ - Comms port (RJ-11)
 - ⑧ - USB port (2.1A)
 - ⑨ - Display port (RJ-11)**
 - ⑩ - Sensor port (RJ-11)
- *Only fitted on 1000/2000W models
**Display port is behind LCD display on 1000/2000/3000W models

- ⑪ - Battery positive(+)
- ⑫ - Battery negative(-)
- ⑬ - Earth connection
- ⑭ - Cooling fan(s)

MODEL NO.	PSW-2500W
Continuous Power Rating (Up To 12 Hrs)	2500W
Peak Power Rating (Up To 200ms)	5000W
Input Voltage	9.5V-16.5V(12V nom) 19-33V(24V nom)
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion
Output Voltage	210V/220V/230V/240VAC $\pm$ 10%
Input Current	245Amps 122Amps (max.)
No Load Current	<2.0Amp <1.8Amp
Efficiency @75% Load	90% max.
Power Saving Mode Current	<0.3Amp
RCD Tripping Current	30mA
OUTPUT FREQUENCY	50Hz/60Hz
Low Battery Alarm	10.0V-11.5V $\pm$ 0.5V 20.0V-23.0V $\pm$ 0.5V
LOW BATTERY SHUTDOWN	9.5V-11.0V $\pm$ 0.5V 19.0V-22.0V $\pm$ 0.5V
THERMAL PROTECTION	60 $\pm$ 10° C 140 $\pm$ 18° F
USB Port	2.1Amp
Dimensions (LxWxH)	440*247*100mm
Net Weight	7.3kgs
Optional Parts	LCD frame kit, current sensor, IEC plug



Pure Sine Wave



Power Saving



Wireless APP

PSW-12V-110V/220V LCD PURE SINE WAVE INVERTER PSW-3000W



- 1000/2000 Models
- ① - Mains 230V AC outlet(s)
 - ② - Power on/off switch
 - ③ - Power indicator
 - ④ - Over load indicator
 - ⑤ - Over temperature indicator
 - ⑥ - LCD display*
 - ⑦ - Comms port (RJ-11)
 - ⑧ - USB port (2.1A)
 - ⑨ - Display port (RJ-11)**
 - ⑩ - Sensor port (RJ-11)
- *Only fitted on 1000/2000W models
**Display port is behind LCD display on 1000/2000/3000W models

- ⑪ - Battery positive(+)
- ⑫ - Battery negative(-)
- ⑬ - Earth connection
- ⑭ - Cooling fan(s)

MODEL NO.	PSW-3000W
Continuous Power Rating (Up To 12 Hrs)	3000W
Peak Power Rating (Up To 200ms)	6000W
Input Voltage	9.5V-16.5V(12V nom) 13-33V
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion
Output Voltage	105V/110V/115V/120VAC $\pm$ 10%
Input Current	294Amps(max.) 147Amp(max.)
No Load Current	<3.0Amp <2.8Amp
Efficiency @75% Load	90% max.
Power Saving Mode Current	<0.2Amp
OUTPUT FREQUENCY	50Hz/60Hz
Low Battery Alarm	10.0V-11.5V $\pm$ 0.5V
LOW BATTERY SHUTDOWN	9.5V-11.0V $\pm$ 0.5V
THERMAL PROTECTION	60 $\pm$ 10° C 140 $\pm$ 18° F
USB Port	2.1Amp
Dimensions (LxWxH)	520*247*100mm
Net Weight	8.8kgs
Optional Parts	LCD frame kit, current sensor, IEC plug



Pure Sine Wave



Power Saving



Wireless APP

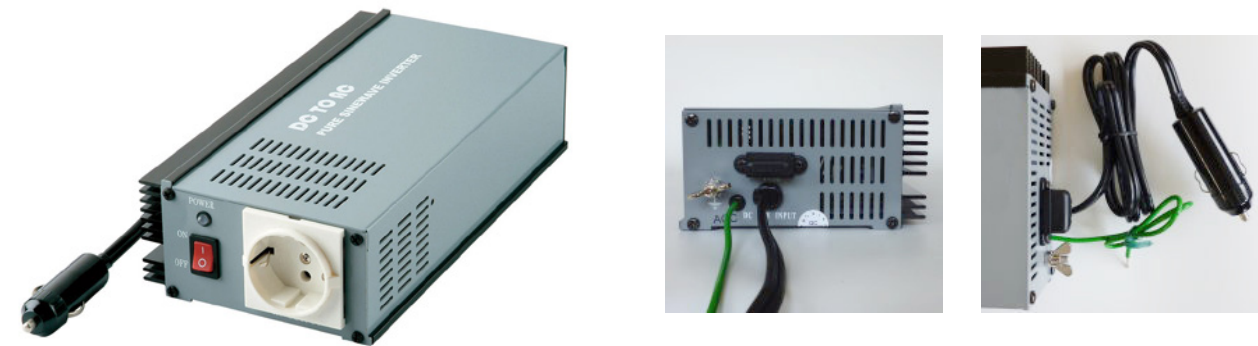
INT-12V-220V PURE SINE WAVE INVERTER

Power Saving mode & AC transfer switch optional

An example application of INT-2000W



INT-12V-220V PURE SINE WAVE INVERTER INT-150W



MODEL NO.	INT-150W	
Power (W)	150W	
Input Vdc	10-16Vdc	20-32Vdc
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion	
Output Vac	100 / 110 / 115 / 120 / 220 / 230 / 240	
Output Frequency	50Hz or 60Hz	
Output Waveform	True sine wave	
No Load Current	110V:0.3A	110V:0.2A
	220V:0.6A	220V:0.36A
Standby Current	<0.3mA	
Efficiency	85% max.	
Output Voltage Regulation	Vac + 2V ± 5V	
Low Battery Alarm	10.5 ± 0.5Vdc	21 ± 1Vdc
Low Battery Shutdown	10 ± 0.5Vdc	20 ± 1Vdc
High Battery Shutdown	16 ± 0.5Vdc	32 ± 1Vdc
Thermal Protection	60±10° C / 140±18° F	
Protections	Low battery alarm	
	Low battery shutdown	
	High battery shutdown	
	Input polarity protection (by fuse)	
	Overload protection	
	Thermal protection	
	Out short circuit protection (by electronic circuit)	
Fuse	20A * 1pc	10A * 1pc
Dimensions (LxWxH)	232*123*62mm	
Net Weight	1.8 kgs	
HI-POT	Yes	



Pure Sine Wave



HI-POT

INT-12V-220V PURE SINE WAVE INVERTER INT-300W



MODEL NO.	INT-300W	
Power (W)	300W	
Input Vdc	10-16Vdc	20-32Vdc
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion	
Output Vac	100 / 110 / 115 / 120 / 220 / 230 / 240	
Output Frequency	50Hz or 60Hz	
Output Waveform	True sine wave	
No Load Current	110V:<0.35A	110V:<0.25A
	220V:<0.7A	220V:<0.37A
Standby Current	<0.3mA	
Efficiency	85% max.	
Output Voltage Regulation	Vac + 2V ± 5V	
Low Battery Alarm	10.5 ± 0.5Vdc	21 ± 1Vdc
Low Battery Shutdown	10 ± 0.5Vdc	20 ± 1Vdc
High Battery Shutdown	16 ± 0.5Vdc	32 ± 1Vdc
Thermal Protection	60±10° C / 140±18° F	
Cooling	Fan	
Protections	Low battery alarm	
	Low battery shutdown	
	High battery shutdown	
	Input polarity protection (by fuse)	
	Overload protection	
	Thermal protection	
	Out short circuit protection (by electronic circuit)	
Fuse	40A * 1pc	20A * 1pc
Dimensions (LxWxH)	232*123*62mm	
Net Weight	2.1kgs	
HI-POT	Yes	Yes

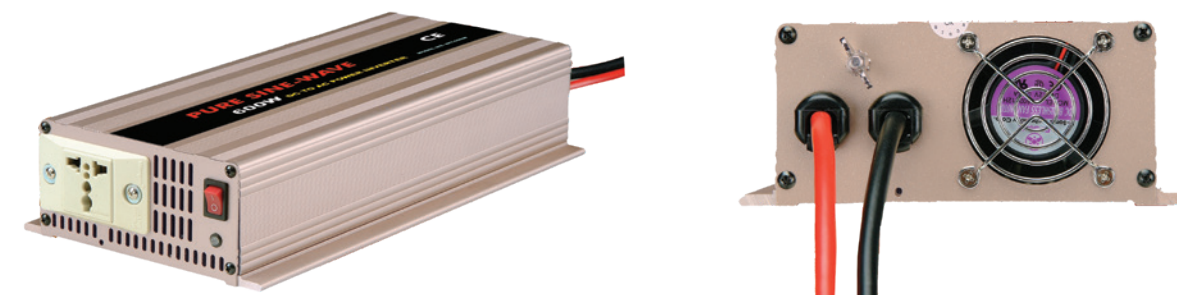


Pure Sine Wave



HI-POT

INT-12V-220V PURE SINE WAVE INVERTER INT-600W



MODEL NO.	INT-600W	
Power (W)	600W	
Input Vdc	10-16Vdc	20-32Vdc
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion	
Output Vac	100 / 110 / 115 / 120 / 220 / 230 / 240	
Output Frequency	50Hz or 60Hz	
Output Waveform	True sine wave	
No Load Current	110V:<0.65A	110V:<0.29A
	220V:<0.58A	220V:<0.4A
Standby Current	<0.3mA	
Efficiency	85% max.	
Output Voltage Regulation	± 5% typical	
Low Battery Alarm	10.5 ± 0.5Vdc	21 ± 0.5Vdc
Low Battery Shutdown	10 ± 0.5Vdc	20 ± 0.5Vdc
High Battery Shutdown	15.5 ± 0.5Vdc	31 ± 0.5Vdc
Thermal Protection	60±10° C / 140±18° F	
Cooling	Fan	
Protections	Low battery alarm	
	Low battery shutdown	
	High battery shutdown	
	Input polarity protection (by fuse)	
	Overload protection	
	Thermal protection	
	Out short circuit protection (by electronic circuit)	
Fuse	35A * 2pc	20A * 2pcs
Dimensions (LxWxH)	270 x 170 x 72mm	
Net Weight	3.5 kgs	
HI-POT	Yes	Yes



Pure Sine Wave



HI-POT

INT-12V-220V PURE SINE WAVE INVERTER INT-1000W



MODEL NO.	INT-1000W	
Power (W)	1000W	
Input Vdc	10-16Vdc	20-32Vdc
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion	
Output Vac	100 / 110 / 115 / 120 / 220 / 230 / 240	
Output Frequency	50Hz or 60Hz	
Output Waveform	True sine wave	
No Load Current	110V:<0.6A	110V:<0.4A
	220V:<1.3A	220V:<0.7A
Standby Current	<0.3mA	
Efficiency	85% max.	
Output Voltage Regulation	Vac + 2V ± 5%	
Low Battery Alarm	10.5 ± 0.5Vdc	21 ± 1Vdc
Low Battery Shutdown	10 ± 0.5Vdc	20 ± 1Vdc
High Battery Shutdown	15 ± 0.5Vdc	30 ± 1Vdc
Cooling	Fan	
Protections	Low battery alarm	
	Low battery shutdown	
	High battery shutdown	
	Input polarity protection (by fuse)	
	Overload protection	
	Thermal protection	
Fuse	35A * 4pcs	20A * 6pcs
	Out short circuit protection (by electronic circuit)	
Dimensions (LxWxH)	390 x 223 x 103mm	
Net Weight	5.2kgs	
HI-POT	Yes	



Pure Sine Wave



HI-POT

INT-12V-220V PURE SINE WAVE INVERTER INT-1500W



MODEL NO.	INT-1500W	
Power (W)	1500W	
Input Vdc	10-16Vdc	20-32Vdc
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion	
Output Vac	100 / 110 / 115 / 120 / 220 / 230 / 240	
Output Frequency	50Hz or 60Hz	
Output Waveform	True sine wave	
No Load Current	110V:<0.8A	110V:<0.5A
	220V:<1.3A	220V:<0.7A
Standby Current	<0.3mA	
Efficiency	85% max.	
Output Voltage Regulation	Vac + 2V ± 5%	
Low Battery Alarm	10.5 ± 0.5Vdc	21 ± 1Vdc
Low Battery Shutdown	10 ± 0.5Vdc	20 ± 1Vdc
High Battery Shutdown	15 ± 0.5Vdc	30 ± 1Vdc
Thermal Protection	60±10° C / 140±18° F	
Cooling	Fan	
Protections	Low battery alarm	
	Low battery shutdown	
	High battery shutdown	
	Input polarity protection (by fuse)	
	Overload protection	
	Thermal protection	
Fuse	35A * 2pc	20A * 6pcs
	Out short circuit protection (by electronic circuit)	
Dimensions (LxWxH)	420 x 223 x 103mm	
Net Weight	6.2 kgs	
HI-POT	Yes	Yes



Pure Sine Wave



HI-POT

INT-12V-220V PURE SINE WAVE INVERTER INT-2000W



MODEL NO.	INT-2000W	
Power(W)	2000W	
Input Vdc	12Vdc	24Vdc
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion	
Output power continuous	2000w	
AC output voltage	100 / 110 / 115 / 120 / 220 / 230 / 240	
Regulation (±5%)	±5%	
Output waveform	True sine wave	
DC input voltage	10-15Vdc	20-30Vdc
Standby current	<0.3mA	
No load current	<0.8A	<0.6A
Frequency (±2Hz)	50 or 55 or 60Hz	
Efficiency	>85%	
Thermal protection	60±10° C	
Cooling fan	YES	
Short protection	YES	
Overload protection	YES	
GFCI protection	YES	
Low battery alarm	10.5 ± 0.5Vdc	21 ± 1Vdc
Low battery Shutdown	10 ± 0.5Vdc	20 ± 1Vdc
High battery shutdown	15 ± 0.5Vdc	32 ± 1Vdc
Battery polarity reverse (by fuse)	YES	
Fuse	40A * 6pcs or 20A * 6pcs	
Operating environment temperature	-15° C to + 50° C	
Dimensions (LxWxH)	385*289*100mm	
Net weight	6.5 kgs	

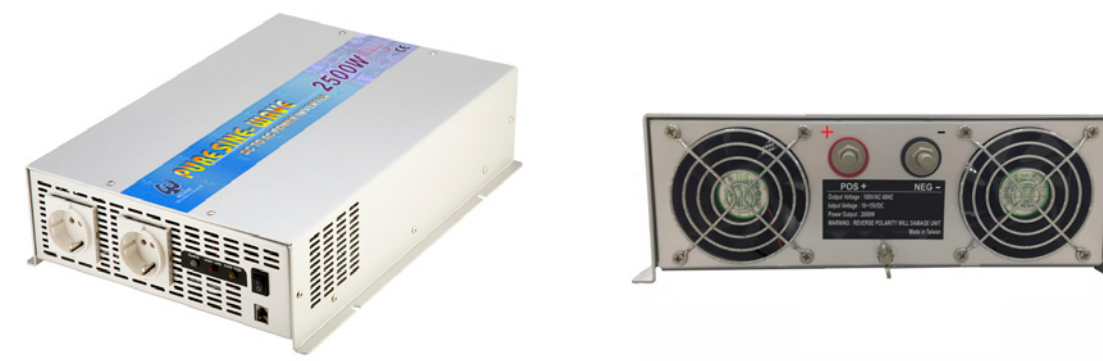


Pure Sine Wave



HI-POT

INT-12V-220V PURE SINE WAVE INVERTER INT-2500W



MODEL NO.	INT-2500W	
Power(W)	2500W	
Input Vdc	12Vdc	24Vdc
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion	
Output power continuous	2500w	
AC output voltage	100 / 110 / 115 / 120 / 220 / 230 / 240	
Regulation (±5%)	±5%	
Output waveform	True sine wave	
DC input voltage	10-15Vdc	20-30Vdc
Standby current	<0.3mA	
No load current	<0.8A	<0.6A
Frequency (±2Hz)	50 or 55 or 60Hz	
Efficiency	>85%	
Thermal protection	60±10° C	
Cooling fan	YES	
Short protection	YES	
Overload protection	YES	
GFCI protection	YES	
Low battery alarm	10.5 ± 0.5Vdc	21 ± 1Vdc
Low battery Shutdown	10 ± 0.5Vdc	20 ± 1Vdc
High battery shutdown	15 ± 0.5Vdc	30 ± 1Vdc
Battery polarity reverse (by fuse)	YES	
Fuse	35A * 10pcs	20A * 10pcs
Operating environment temperature	-15° C to + 50° C	
Dimensions (LxWxH)	480 x 289 x 100mm	
Net weight	8.5 kgs	



Pure Sine Wave



HI-POT

INT-12V-220V PURE SINE WAVE INVERTER

INT-3000W



MODEL NO.	INT-3000W	
Power(W)	3000W	
Input Vdc	12Vdc	24Vdc
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion	
Output power continuous	3000w	
AC output voltage	220 / 230 / 240	
Regulation (±5%)	±5%	
Output waveform	True sine wave	
DC input voltage	10-15Vdc	20-30Vdc
Standby current	<0.3mA	
No load current	<1.0A	<0.8A
Frequency (±2Hz)	50 or 55 or 60Hz	
Efficiency	>85%	
Thermal protection	60±10° C	
Cooling fan	YES	
Short protection	YES	
Overload protection	YES	
Low battery alarm	10.5 ± 0.5Vdc	21 ± 1Vdc
Low battery Shutdown	10 ± 0.5Vdc	20 ± 1Vdc
High battery shutdown	15 ± 0.5Vdc	32 ± 1Vdc
Battery polarity reverse (by fuse)	YES	
Fuse	35A * 10pcs	20A * 10pcs
Operating environment temperature	-15° C to + 50° C	
Dimensions (LxWxH)	480 x 289 x 100mm	
Net weight	9.5 kgs	



Pure Sine Wave



HI-POT

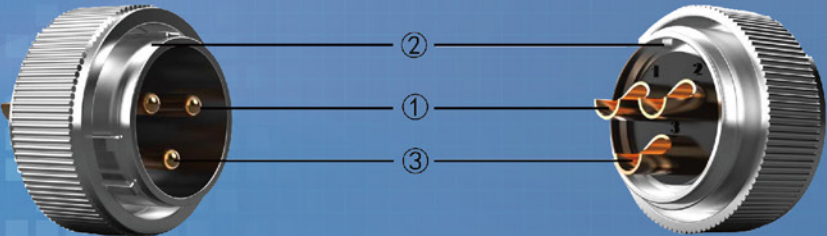
BOU-48V-220V PURE SINE

WAVE INVERTER

Microchip controlled, petite pure sine wave inverter 48 models are capable of ≥88% of efficiency, <3% of transfer efficiency lost despite their reduced size. 5 types of safety protections and intelligent cooling fans.



Aviation Socket

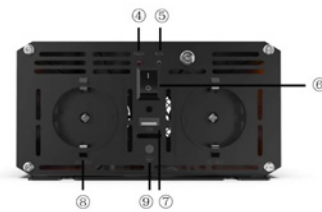


①-L ②-N ③-Groud

BOU-48V-220V PURE SINE WAVE INVERTER BOU-300W



1. Red is the DC input positive pole
2. Cooling fan
3. Black is the DC input negative pole
4. Red: fault light
5. Blue: inverter working light

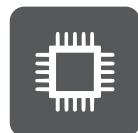


6. Power on/off switch
7. USB port
8. AC output socket
9. Earth terminal

MODEL NO.	BOU-300W
Rated Power(W)	300W
Peak Power(W)	600W
AC Regulation	THD<3%(linear load)
Output Efficiency	≥ 88%
Output Vac	120V(±5%)or230V(±5%)
Output frequency	50Hz or 60Hz
DC Voltage	40-61V
Low voltage alarm	40-61V
Low voltage shutdown	42±1V
Over voltage shutdown	61±1V
Low voltage recovery	48±1V
Over voltage recovery	59±1V
USB Outlet	5V 500mA
Working Temp.	(-10° C+50° C)
Storage Temp.	(-30° C+70° C)
Protections	Low voltage alarm
	Low voltage shutdown
	Over voltage shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
Dimensions (LxWxH)	187*110*54.5mm
	Net Weight
0.8kgs	

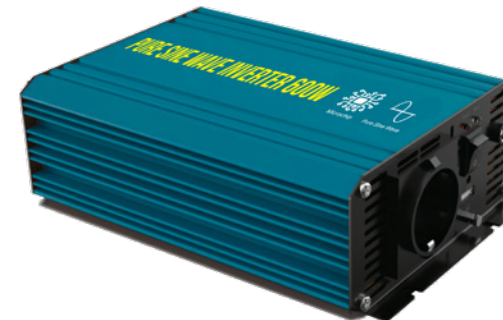


Pure Sine Wave



Microchip Controlled

BOU-48V-220V PURE SINE WAVE INVERTER BOU-600W



1. Red is the DC input positive pole
2. Black is the DC input negative pole
3. Cooling fan
4. AC output socket
5. Red: fault light

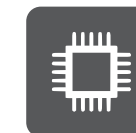


6. Blue: inverter working light
7. Power on/off switch
8. USB port
9. Earth terminal

MODEL NO.	BOU-600W
Rated Power(W)	600W
Peak Power(W)	1200W
AC Regulation	THD<3%(linear load)
Output Efficiency	≥ 88%
Output Vac	120V(±5%)or230V(±5%)
Output frequency	50Hz or 60Hz
DC Voltage	40-61V
Low voltage alarm	42±1V
Low voltage shutdown	40±1V
Over voltage shutdown	61±1V
Low voltage recovery	48±1V
Over voltage recovery	59±1V
USB Outlet	5V 500mA
Working Temp.	(-10° C+50° C)
Storage Temp.	(-30° C+70° C)
Protections	Low voltage alarm
	Low voltage shutdown
	Over voltage shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
Dimensions (LxWxH)	217*145*67.5mm
	Net Weight
1.6kgs	

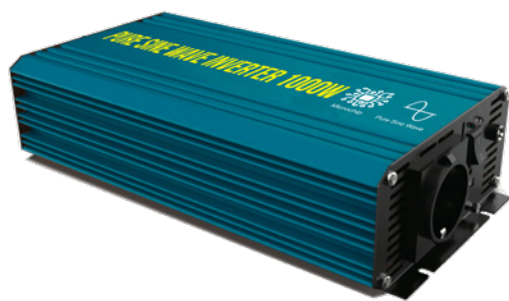


Pure Sine Wave



Microchip Controlled

BOU-48V-220V PURE SINE WAVE INVERTER BOU-1000W



1. Red is the DC input positive pole
2. Black is the DC input negative pole
3. Cooling fan
4. AC output socket
5. Red: fault light

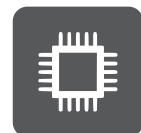


6. Blue: inverter working light
7. Power on/off switch
8. USB port
9. Earth terminal

MODEL NO.	BOU-1000W
Rated Power(W)	1000W
Peak Power(W)	2000W
AC Regulation	THD<3%(linear load)
Output Efficiency	≥ 88%
Output Vac	120V(±5%)or230V(±5%)
Output frequency	50Hz or 60Hz
DC Voltage	40-61V
Low voltage alarm	42±1V
Low voltage shutdown	40±1V
Over voltage shutdown	61±1V
Low voltage recovery	48±1V
Over voltage recovery	59±1V
USB Outlet	5V 500mA
Working Temp.	(-10° C+50° C)
Storage Temp.	(-30° C+70° C)
Protections	Low voltage alarm
	Low voltage shutdown
	Over voltage shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Input Oppose (Optional) Out short circuit protection (by electronic circuit)
Dimensions (LxWxH)	284*145*68mm
Net Weight	2.5kgs



Pure Sine Wave



Microchip Controlled

BOU-48V-220V PURE SINE WAVE INVERTER BOU-2000W



1. Red is the DC input positive pole
2. Cooling fan
3. Black is the DC input negative pole
4. Earth terminal
5. AC output socket

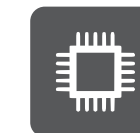


6. USB port
7. Red: fault light
8. Blue: inverter working light
9. Power on/off switch

MODEL NO.	BOU-2000W
Rated Power(W)	2000W
Peak Power(W)	4000W
AC Regulation	THD<3%(linear load)
Output Efficiency	≥ 88%
Output Vac	120V(±5%)or230V(±5%)
Output frequency	50Hz or 60Hz
DC Voltage	40-61V
Low voltage alarm	42±1V
Low voltage shutdown	40±1V
Over voltage shutdown	61±1V
Low voltage recovery	48±1V
Over voltage recovery	59±1V
USB Outlet	5V 500mA
Working Temp.	(-10° C+50° C)
Storage Temp.	(-30° C+70° C)
Protections	Low voltage alarm
	Low voltage shutdown
	Over voltage shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Input Oppose (Optional) Out short circuit protection (by electronic circuit)
Dimensions (LxWxH)	356*169*87mm
Net Weight	3.85kgs

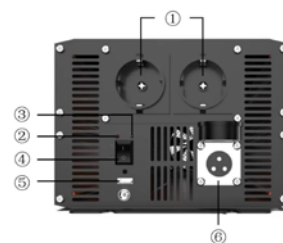


Pure Sine Wave



Microchip Controlled

BOU-48V-220V PURE SINE WAVE INVERTER BOU-3000W



1. AC output socket
2. Red: fault light
3. Blue: inverter working light
4. Power on/off switch
5. USB port

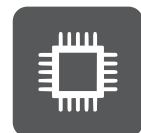


6. Aviation socket
7. Red is the DC input positive pole
8. Cooling fan
9. Black is the DC input negative pole

MODEL NO.	BOU-3000W
Rated Power(W)	3000W
Peak Power(W)	6000W
AC Regulation	THD<3%(linear load)
Output Efficiency	≥ 88%
Output Vac	120V(±5%)or230V(±5%)
Output frequency	50Hz or 60Hz
DC Voltage	40-61V
Low voltage alarm	42±1V
Low voltage shutdown	40±1V
Over voltage shutdown	61±1V
Low voltage recovery	48±1V
Over voltage recovery	59±1V
USB Outlet	5V 500mA
Working Temp.	(-10° C+50° C)
Storage Temp.	(-30° C+70° C)
Protections	Low voltage alarm
	Low voltage shutdown
	Over voltage shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
Dimensions (LxWxH)	367*199*146mm
	Net Weight
7.65kgs	

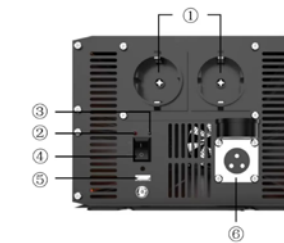
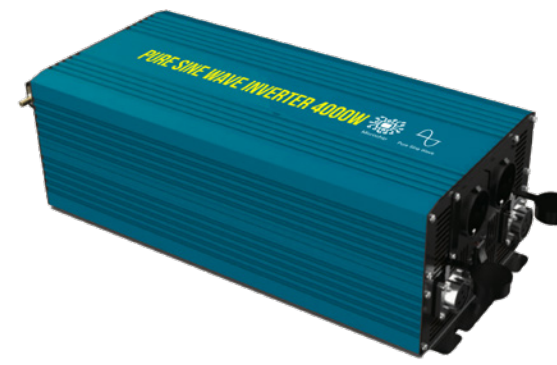


Pure Sine Wave



Microchip Controlled

BOU-48V-220V PURE SINE WAVE INVERTER BOU-4000W



1. AC output socket
2. Red: fault light
3. Blue: inverter working light
4. Power on/off switch
5. USB port

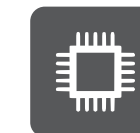


6. Aviation socket
7. Red is the DC input positive pole
8. Cooling fan
9. Black is the DC input negative pole

MODEL NO.	BOU-4000W
Rated Power(W)	4000W
Peak Power(W)	8000W
AC Regulation	THD<3%(linear load)
Output Efficiency	≥ 88%
Output Vac	120V(±5%)or230V(±5%)
Output frequency	50Hz or 60Hz
DC Voltage	40-61V
Low voltage alarm	42±1V
Low voltage shutdown	40±1V
Over voltage shutdown	61±1V
Low voltage recovery	48±1V
Over voltage recovery	59±1V
USB Outlet	5V 500mA
Working Temp.	(-10° C+50° C)
Storage Temp.	(-30° C+70° C)
Protections	Low voltage alarm
	Low voltage shutdown
	Over voltage shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
Dimensions (LxWxH)	458*199*146mm
	Net Weight
9.0kgs	

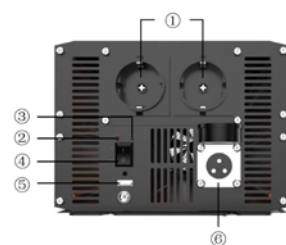
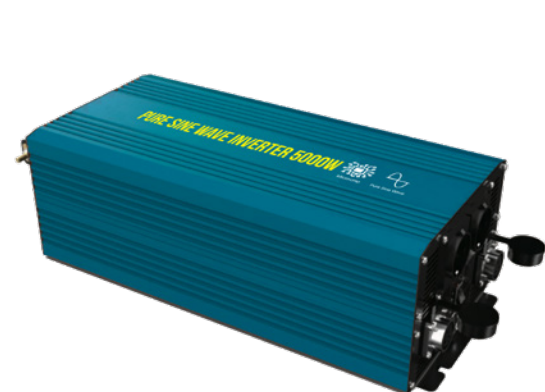


Pure Sine Wave



Microchip Controlled

BOU-48V-220V PURE SINE WAVE INVERTER BOU-5000W



1. AC output socket
2. Red: fault light
3. Blue: inverter working light
4. Power on/off switch
5. USB port

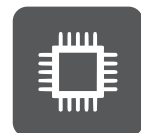


6. Aviation socket
7. Red is the DC input positive pole
8. Cooling fan
9. Black is the DC input negative pole

MODEL NO.	BOU-5000W
Rated Power(W)	5000W
Peak Power(W)	10,000W
AC Regulation	THD<3%(linear load)
Output Efficiency	≥ 88%
Output Vac	120V(±5%)or230V(±5%)
Output frequency	50Hz or 60Hz
DC Voltage	40-61V
Low voltage alarm	42±1V
Low voltage shutdown	40±1V
Over voltage shutdown	61±1V
Low voltage recovery	48±1V
Over voltage recovery	59±1V
USB Outlet	5V 500mA
Working Temp.	(-10° C+50° C)
Storage Temp.	(-30° C+70° C)
Protections	Low voltage alarm
	Low voltage shutdown
	Over voltage shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
Dimensions (LxWxH)	458*199*146mm
	Net Weight
10.5kgs	

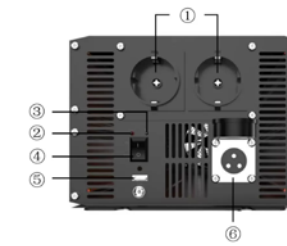
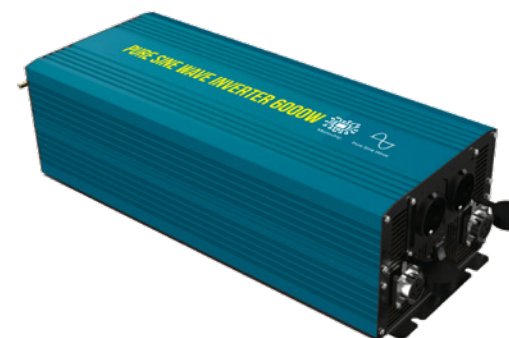


Pure Sine Wave



Microchip Controlled

BOU-48V-220V PURE SINE WAVE INVERTER BOU6000W



1. AC output socket
2. Red: fault light
3. Blue: inverter working light
4. Power on/off switch
5. USB port

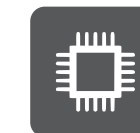


6. Aviation socket
7. Red is the DC input positive pole
8. Cooling fan
9. Black is the DC input negative pole

MODEL NO.	BOU-4000W
Rated Power(W)	6000W
Peak Power(W)	12,000W
AC Regulation	THD<3%(linear load)
Output Efficiency	≥ 88%
Output Vac	120V(±5%)or230V(±5%)
Output frequency	50Hz or 60Hz
DC Voltage	40-61V
Low voltage alarm	42±1V
Low voltage shutdown	40±1V
Over voltage shutdown	61±1V
Low voltage recovery	48±1V
Over voltage recovery	59±1V
USB Outlet	5V 500mA
Working Temp.	(-10° C+50° C)
Storage Temp.	(-30° C+70° C)
Protections	Low voltage alarm
	Low voltage shutdown
	Over voltage shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
Dimensions (LxWxH)	518*199*146mm
	Net Weight
12.3kgs	



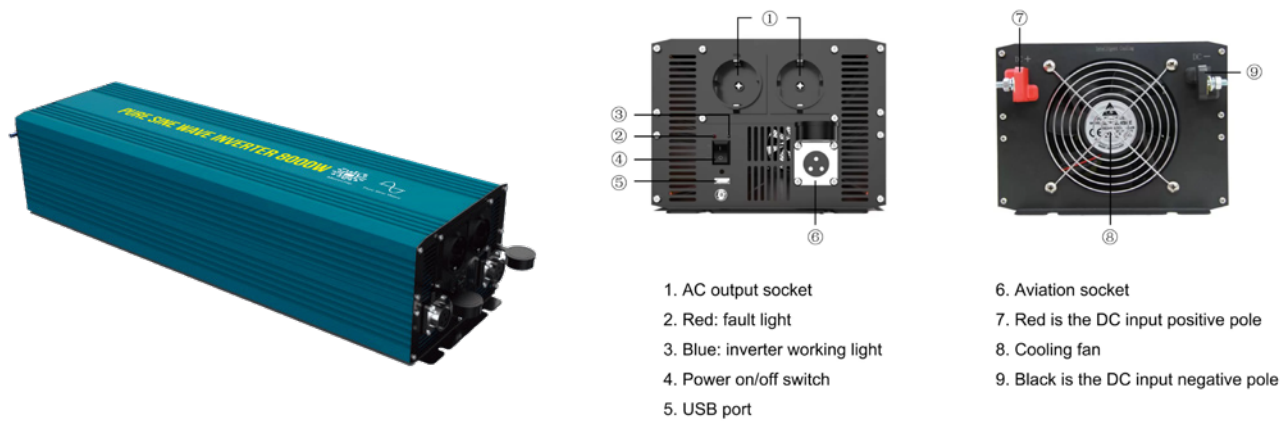
Pure Sine Wave



Microchip Controlled

BOU-48V-220V PURE SINE WAVE INVERTER

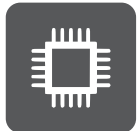
BOU-8000W



MODEL NO.	BOU-8000W
Rated Power(W)	8000W
Peak Power(W)	16,000W
AC Regulation	THD<3%(linear load)
Output Efficiency	≥ 88%
Output Vac	120V(±5%)or230V(±5%)
Output frequency	50Hz or 60Hz
DC Voltage	40-61V
Low voltage alarm	42±1V
Low voltage shutdown	40±1V
Over voltage shutdown	61±1V
Low voltage recovery	48±1V
Over voltage recovery	59±1V
USB Outlet	5V 500mA
Working Temp.	(-10° C+50° C)
Storage Temp.	(-30° C+70° C)
Protections	Low voltage alarm
	Low voltage shutdown
	Over voltage shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Input Oppose (Optional) Out short circuit protection (by electronic circuit)
Dimensions (LxWxH)	662*199*146mm
Net Weight	14.0kgs



Pure Sine Wave



Microchip Controlled

02

DC-AC Modified Sine Wave Inverter

MSW-PWM 12V-220V MODIFIED SINE WAVE INVERTER

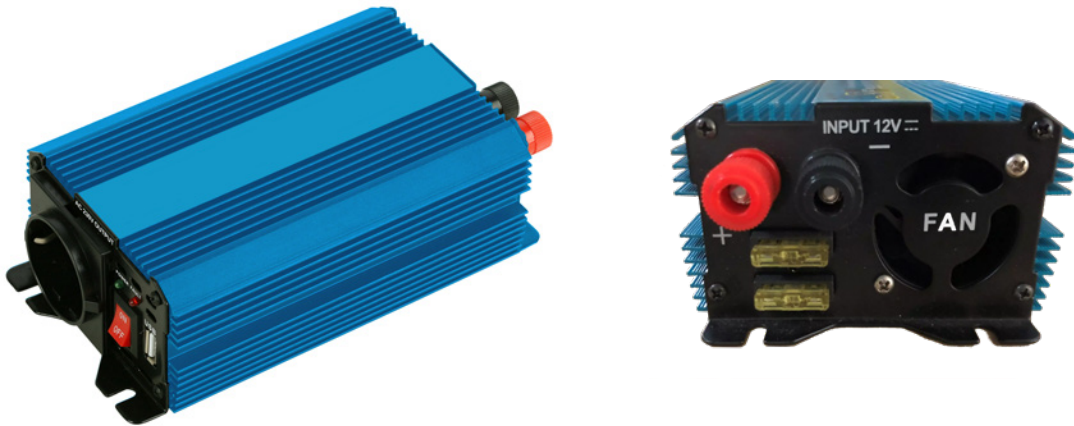
NMSW-12V-220V MODIFIED SINE WAVE INVERTER

MSW-12V-220V MODIFIED SINE WAVE INVERTER

12Vdc-220Vac digital display modified sine wave off-grid PWM power inverter



MSW-12V-220V MODIFIED SINE WAVE INVERTER MSW-300W



Model	MSW-300W
DC Input Voltage	12Vdc
AC Output Voltage	230V± 10%
Output Wattage(W)	Continuous Wattage 300W. Peak 600W
Output Wavefrom	Regular Square Wave
No-load Current Draw	12V: <0.45A / 24V: <0.25A
Standby Current	<0.2mA
Frequency	85% max.
Initial Checking	AUTO-DETECTING WRONG BATTERY COUNT
Output Regulation	± 5V
Output Frequency	50Hz CRYSTAL CONTROLLED
THERMAL PROTECTION	60+ 10° C / 140 + 18° F
Protections	Low battery alarm
	Low battery shutdown
	High battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
Fuse	Out short circuit protection (by electronic circuit)
	20A*4pcs or 20A*2pcs
	Size(L*W*H)
Size(L*W*H)	230 x 100 x 60mm
Net Weight	1.25kg



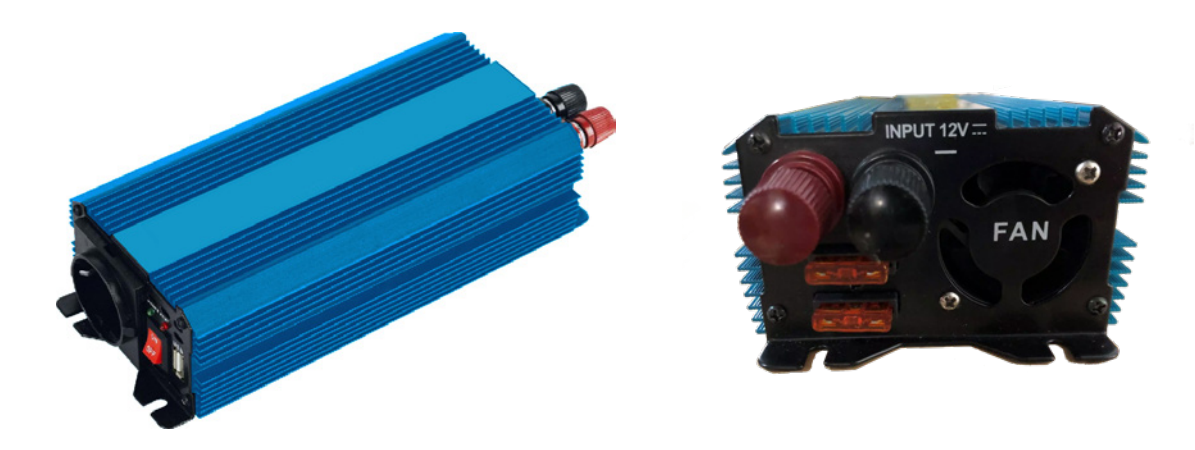
Square Wave



PWM Control

MSW-12V-220V MODIFIED SINE WAVE INVERTER

MSW-600W



Model	MSW-600W
DC Input Voltage	12Vdc
AC Output Voltage	230V± 10%
Output Wattage(W)	Continuous Wattage 600W. Peak 1200W
Output Wavefrom	Regular Square Wave
No-load Current Draw	12V: <0.45A / 24V: <0.25A
Standby Current	<0.2mA
Frequency	85% max.
Initial Checking	AUTO-DETECTING WRONG BATTERY COUNT
Output Regulation	± 5V
Output Frequency	50Hz CRYSTAL CONTROLLED
THERMAL PROTECTION	60+ 10° C / 140 + 18° F
Protections	Low battery alarm
	Low battery shutdown
	High battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Out short circuit protection (by electronic circuit)
Fuse	35A*1pc or 20A*1pc
Size(L*W*H)	180 x 100 x 60mm
Net Weight	0.95kgs



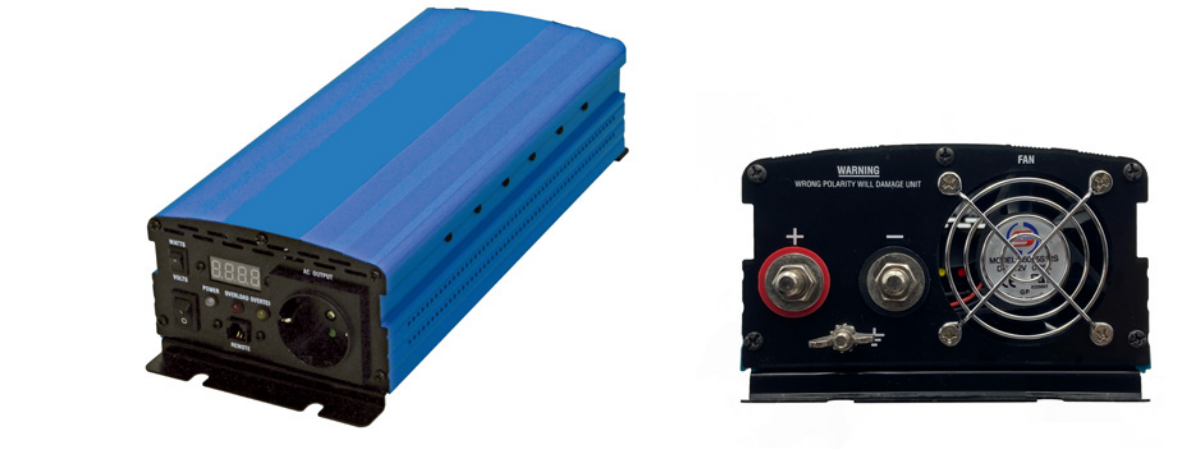
Square Wave



PWM Control

MSW-12V-220V MODIFIED SINE WAVE INVERTER

MSW-1000W



Model	MSW-1000W
DC Input Voltage	12Vdc
AC Output Voltage	230V± 10%
Output Wattage(W)	Continuous Wattage 1000W. Peak 2000W
Output Wavefrom	Regular Square Wave
No-load Current Draw	12V: <0.7A / 24V: <0.5A
Standby Current	<0.2mA
Frequency	85% max.
Initial Checking	AUTO-DETECTING WRONG BATTERY COUNT
Output Regulation	± 5V
Output Frequency	50Hz CRYSTAL CONTROLLED
THERMAL PROTECTION	60+ 10° C / 140 + 18° F
Protections	Low battery alarm
	Low battery shutdown
	High battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Out short circuit protection (by electronic circuit)
Fuse	20A*4pcs or 20A*2pcs
Size(L*W*H)	340 x 135 x 80mm
Net Weight	2.4kgs



Square Wave



PWM Control

MSW-12V-220V MODIFIED SINE WAVE INVERTER

MSW-1500W



Model	MSW-1500W
DC Input Voltage	12Vdc
AC Output Voltage	230V± 10%
Output Wattage(W)	Continuous Wattage 1500W. Peak 3000W
Output Wavefrom	Modified Sine Wave
No-load Current Draw	12V: <0.7A / 24V: <0.5A
Standby Current	<0.2mA
Frequency	85% max.
Initial Checking	AUTO-DETECTING WRONG BATTERY COUNT
Output Regulation	± 5V
Output Frequency	50Hz CRYSTAL CONTROLLED
THERMAL PROTECTION	60+ 10° C / 140 + 18° F
Protections	Low battery alarm
	Low battery shutdown
	High battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
Fuse	Out short circuit protection (by electronic circuit)
	Battery polarity reverse by fuse
Size(L*W*H)	400 x 135 x 80mm
Net Weight	2.8kgs



Square Wave



PWM Control

MSW-12V-220V MODIFIED SINE WAVE INVERTER

MSW-2000W



MODEL NO.	MSW-2000W
DC input voltage	11~15Vdc
AC output voltage	230V± 10%
OUTPUT POWER(W)	CONTINUOUS 2000W. SURGE POWER 4000W
OUTPUT WAVEFORM	MODIFIED SINE WAVE
No load current draw	12V: <0.8A / 24V: <0.6A
Standby current	<0.2mA
EFFICIENCY	85% max.
INITIAL CHECKING	AUTO-DETECTING WRONG BATTERY COUNT
OUTPUT REGULATION	± 5V
OUTPUT FREQUENCY	50Hz CRYSTAL CONTROLLED
LOW BATTERY ALARM	10.5V ± 0.5Vdc
LOW BATTERY SHUTDOWN	10V ± 0.5Vdc
OVER BATTERY SHUTDOWN	16 ± 0.5Vdc
THERMAL PROTECTION	65+ 10° C / 149 + 18° F
Protections	Low battery alarm
	Low battery shutdown
	High battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
Fuse	Out short circuit protection (by electronic circuit)
	Battery polarity reverse by fuse
Size(L*W*H)	345*135*150(mm)
Net Weight	4.0kgs



Square Wave



PWM Control

MSW-12V-220V MODIFIED SINE WAVE INVERTER

MSW-2500W



MODEL NO.	MSW-2500W
DC input voltage	11~15Vdc
AC output voltage	230V± 10%
OUTPUT POWER(W)	CONTINUOUS 2500W. SURGE POWER 5000W
OUTPUT WAVEFORM	MODIFIED SINE WAVE
No load current draw	12V: <0.8A / 24V: <0.6A
Standby current	<0.2mA
EFFICIENCY	85% max.
INITIAL CHECKING	AUTO-DETECTING WRONG BATTERY COUNT
OUTPUT REGULATION	± 5V
OUTPUT FREQUENCY	50Hz CRYSTAL CONTROLLED
LOW BATTERY ALARM	10.5V ± 0.5Vdc
LOW BATTERY SHUTDOWN	10V ± 0.5Vdc
OVER BATTERY SHUTDOWN	16 ± 0.5Vdc
THERMAL PROTECTION	65+ 10° C / 149 + 18° F
Protections	Low battery alarm
	Low battery shutdown
	High battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Out short circuit protection (by electronic circuit)
Fuse	Battery polarity reverse by fuse
Size(L*W*H)	345*135*150(mm)
Net Weight	4.0kgs



Square Wave



PWM Control

MSW-12V-220V MODIFIED SINE WAVE INVERTER

MSW-3000W



MODEL NO.	MSW-3000W
DC input voltage	11~15Vdc
AC output voltage	230V± 10%
OUTPUT POWER(W)	CONTINUOUS 3000W. SURGE POWER 6000W
OUTPUT WAVEFORM	MODIFIED SINE WAVE
No load current draw	12V: <0.8A / 24V: <0.6A
Standby current	<0.2mA
EFFICIENCY	85% max.
INITIAL CHECKING	AUTO-DETECTING WRONG BATTERY COUNT
OUTPUT REGULATION	± 5V
OUTPUT FREQUENCY	50Hz CRYSTAL CONTROLLED
LOW BATTERY ALARM	10.5V ± 0.5Vdc
LOW BATTERY SHUTDOWN	10V ± 0.5Vdc
OVER BATTERY SHUTDOWN	16 ± 0.5Vdc
THERMAL PROTECTION	65+ 10° C / 149 + 18° F
Protections	Low battery alarm
	Low battery shutdown
	High battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Out short circuit protection (by electronic circuit)
Fuse	Battery polarity reverse by fuse
Size(L*W*H)	400 x 135 x 150mm
Net Weight	4.8kgs



Square Wave



PWM Control

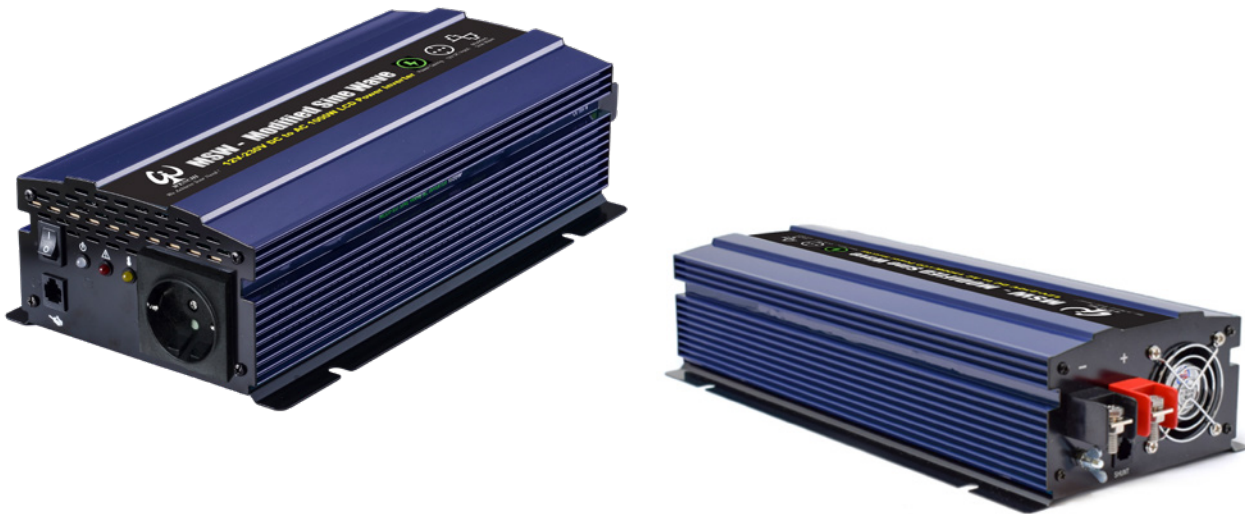
NMSW-12V-220V MODIFIED SINE WAVE INVERTER



12VDC-110V/220Vac Modified Sine Wave inverter with Power Saving mode and optional LCD display



NMSW-12V-220V MODIFIED SINE WAVE INVERTER NMSW-1000W



MODEL NO.		NMSW-1000
Input	Voltage (Vdc)	12 or 24Vdc
	Frequency	50~60 Hz
	Current	98A/49A
Output	Continuous(W)	1000W
	Surge(W)	2000W
	AC output voltage(V)	220/230/240
	Efficiency	>89%
Thermal protection shut down		60 +/- 10 °C / 140 +/-18 °F
No load current		< 0.7A / <0.45A
Power saving mode		Yes
Power saving mode current		<0.2A
Re-setting mode		Yes
Low battery alarm		10.5V / 21.0V(+/-0.5V)
Low battery shut down		10.0V / 20.0V(+/-0.5V)
LCD display port		Yes
Current sensor port		Yes
Dimensions(mm)		300mm*170mm*87mm
Weights(kgs)		3.2kgs



Square Wave



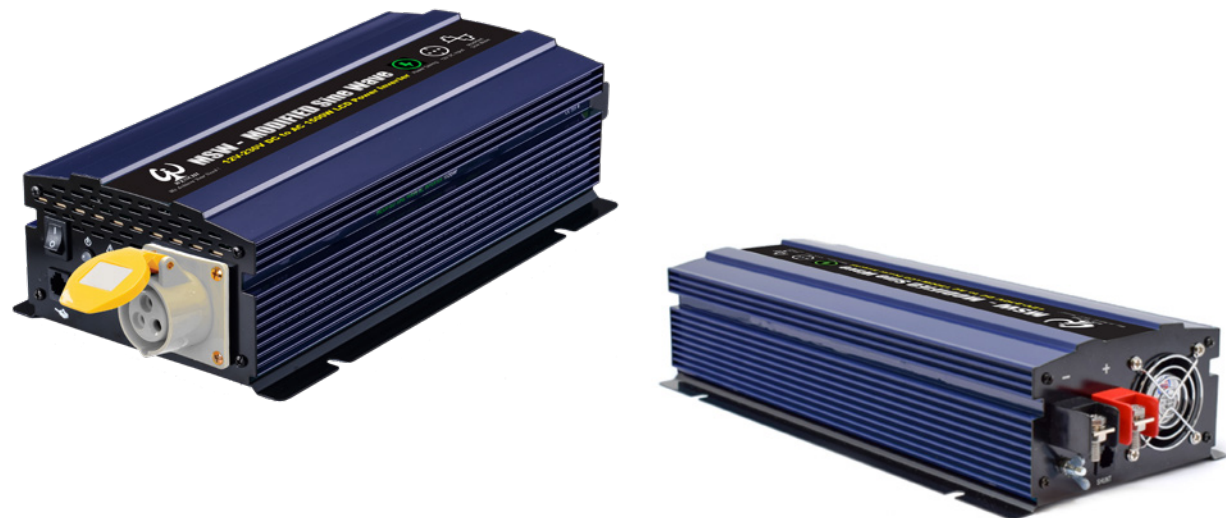
Power Saving



Wireless APP

NMSW-12V-220V MODIFIED SINE WAVE INVERTER

NMSW-1500W



MODEL NO.		NMSW-1500W
Input	Voltage (Vdc)	12 or 24Vdc
	Frequency	50~60 Hz
	Current	147A/73.5A
Output	Continuous(W)	1500W
	Surge(W)	3000W
	AC output voltage(V)	220/230/240
	Efficiency	>89%
Thermal protection shut down		60 +/- 10 °C / 140 +/-18 °F
No load current		< 0.8A / <0.7A
Power saving mode		Yes
Power saving mode current		<0.2A
Re-setting mode		Yes
Low battery alarm		10.5~11.5V / 21.0V~23.0V(+/-0.5V)
Low battery shut down		10.0V / 20.0V(+/-0.5V)
LCD display port		Yes
Current sensor port		Yes
Dimensions(mm)		360mm*175mm*87mm
Weights(kgs)		4.0kgs



Square Wave



Power Saving



Wireless APP

NMSW-12V-220V MODIFIED SINE WAVE INVERTER

NMSW-2000W



MODEL NO.		NMSW-2000W
Input	Voltage (Vdc)	12 or 24Vdc
	Frequency	50~60 Hz
	Current	196A/98A
Output	Continuous(W)	2000W
	Surge(W)	4000W
	AC output voltage(V)	220/230/240
	Efficiency	>89%
Thermal protection shut down		60 +/- 10 °C / 140 +/-18 °F
No load current		< 0.8A / <0.55A
Power saving mode		Yes
Power saving mode current		<0.2A
Re-setting mode		Yes
Low battery alarm		10.5~11.5V / 21.0V~23.0V(+/-0.5V)
Low battery shut down		10.0V / 20.0V(+/-0.5V)
LCD display port		Yes
Current sensor port		Yes
Dimensions(mm)		340mm*170mm*162mm
Weights(kgs)		6.6kgs



Square Wave

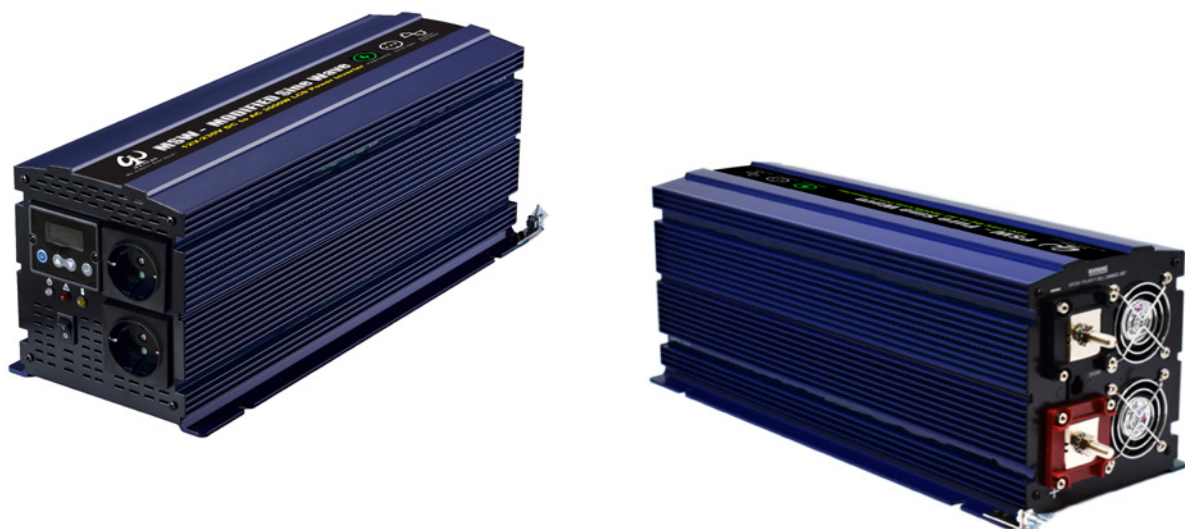


Power Saving



Wireless APP

NMSW-12V-220V MODIFIED SINE WAVE INVERTER NMSW-3000W



MODEL NO.		NMSW-3000W
Input	Voltage (Vdc)	12 or 24Vdc
	Frequency	50~60 Hz
	Current	294A/147A
Output	Continuous(W)	3000W
	Surge(W)	6000W
	AC output voltage(V)	220/230/240
	Efficiency	>89%
Thermal protection shut down		60 +/- 10 °C / 140 +/-18 °F
No load current		< 0.9A / <0.75A
Power saving mode		Yes
Power saving mode current		<0.2A
Re-setting mode		Yes
Low battery alarm		10.5~11.5V / 21.0V~23.0V(+/-0.5V)
Low battery shut down		10.0V / 20.0V(+/-0.5V)
LCD display port		Yes
Current sensor port		Yes
Dimensions(mm)		420mm*181mm*163mm
Weights(kgs)		7.8kgs



Square Wave

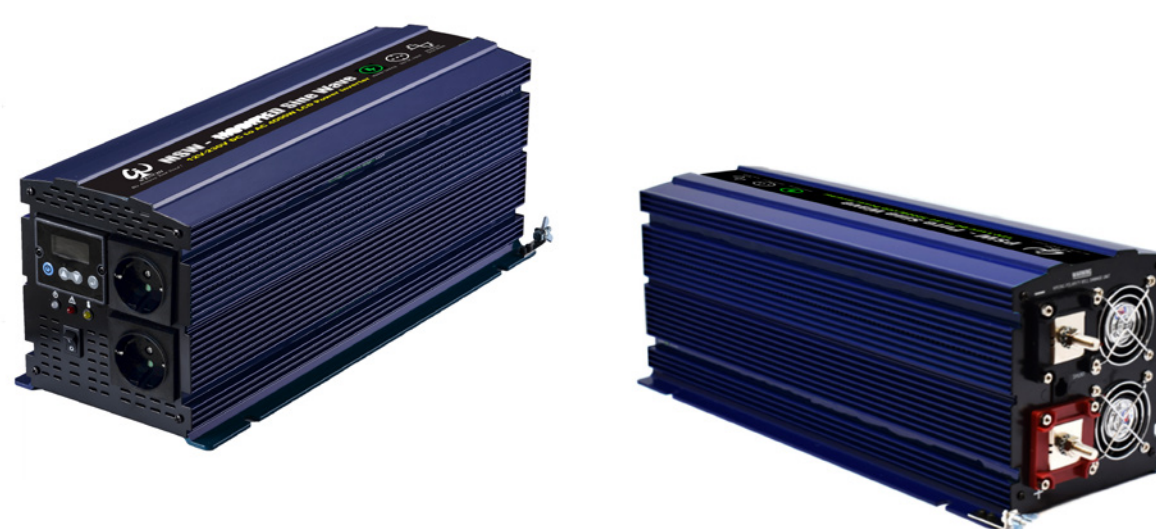


Power Saving



Wireless APP

NMSW-12V-220V MODIFIED SINE WAVE INVERTER NMSW-4000W



MODEL NO.		NMSW-4000W
Input	Voltage (Vdc)	12 or 24Vdc
	Frequency	50~60 Hz
	Current	392A/196A
Output	Continuous(W)	4000W
	Surge(W)	8000W
	AC output voltage(V)	220/230/240
	Efficiency	>89%
Thermal protection shut down		60 +/- 10 °C / 140 +/-18 °F
No load current		< 1.0A / <0.85A
Power saving mode		Yes
Power saving mode current		<0.2A
Re-setting mode		Yes
Low battery alarm		10.5~11.5V / 21.0V~23.0V(+/-0.5V)
Low battery shut down		10.0V / 20.0V(+/-0.5V)
LCD display port		Yes
Current sensor port		Yes
Dimensions(mm)		420mm*181mm*163mm
Weights(kgs)		8.8gs



Square Wave



Power Saving



Wireless APP

03

DC-AC-DC Pure Sine Wave Inverter Charger

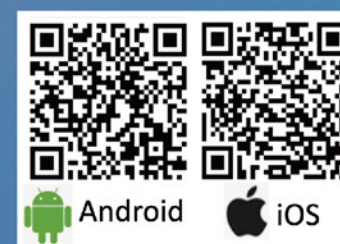
PSC-LCD PURE SINE WAVE INVERTER

PSC-12V30A/24V15A-220V LCD PURE SINE WAVE INVERTER CHARGER

Smart Inverter Charger connected power outlet, Wenchi APP & Bluetooth USB dongle, and applications



QR Code Download



PSC-LCD PURE SINE WAVE INVERTER CHARGER PSC-1000W



MODEL NO.	PSC-1000W
AC output voltage	230V± 10%
OUTPUT POWER(W)	CONTINUOUS 1000W. SURGE POWER 2000W
INPUT VOLTAGE	DC 12V or 24V
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion
Standby current	12V: <1.6A / 24V: <1.1A
Power Saving Mode Current	<0.3Amp
EFFICIENCY 75% LOAD	90% max.
OUTPUT REGULATION	Vac± 10%
OUTPUT FREQUENCY	50Hz or 60Hz re-setable
LOW BATTERY ALARM	10.0-11.5V / 20.0V-23.0V
LOW BATTERY SHUTDOWN	9.5V-12.0V / 19.0V-22.0V
OVER BATTERY SHUTDOWN	32± 1Vdc
THERMAL PROTECTION	60+10° C / 140+18° F
Input current	98A (max)
Protections	Low battery alarm
	Low battery shutdown
	Over battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Out short circuit protection (by electronic circuit)



Pure Sine Wave



Power Saving



Wireless APP

Fuse	15A*6pc		
	AC Charge	Input Voltage	220VAC
		By Switch	DC Output for Lead-acid battery Equalizing 14.4V/28.8V; Flat 13.8V/27.6V
		DC Output for Li-ion battery	Equalizing 14.6V/29.2V
AC Bypass	Charging current		Max 12V: 30Amp; 24V: 15Amp
	Transfer Time		<20ms
	Input Voltage Wavefor		Sine Wave
Safety & EMC	Max bypass current		10A
	Safety		LVD (EN62386)
	EMC		CE (EN55032)
Working Environment	Operating Temp.		-20° C~50° F
	Working Humidity		20-90%RH
	Storage Temp.		-30° C~-70° F
DIMENSION (LxWxH)	420*247*100mm		
NET WEIGHT	6.2kgs		

PSC-LCD PURE SINE WAVE INVERTER CHARGER PSC-1500W



MODEL NO.	PSC-1500W
AC output voltage	230V± 10%
OUTPUT POWER(W)	CONTINUOUS 1500W. SURGE POWER 3000W
INPUT VOLTAGE	DC 12V or 24V
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion
Standby current	12V: <1.8A / 24V: <1.3A
Power Saving Mode Current	<0.3Amp
EFFICIENCY 75% LOAD	90% max.
OUTPUT REGULATION	Vac± 10%
OUTPUT FREQUENCY	50Hz or 60Hz re-setable
LOW BATTERY ALARM	10.0-11.5V / 20.0V-23.0V
LOW BATTERY SHUTDOWN	9.5V-12.0V / 19.0V-22.0V
OVER BATTERY SHUTDOWN	32± 1Vdc
THERMAL PROTECTION	60+10° C / 140+18° F
Input current	147A (max)
Protections	Low battery alarm
	Low battery shutdown
	Over battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Out short circuit protection (by electronic circuit)



Pure Sine Wave



Power Saving



Wireless APP

Fuse	15A*6pc		
	AC Charge	Input Voltage	220VAC
		By Switch	DC Output for Lead-acid battery Equalizing 14.4V/28.8V; Flat 13.8V/27.6V
		DC Output for Li-ion battery	Equalizing 14.6V/29.2V
AC Bypass	Charging current		Max 12V: 30Amp; 24V: 15Amp
	Transfer Time		<20ms
	Input Voltage Wavefor		Sine Wave
Safety & EMC	Max bypass current		10A
	Safety		LVD (EN62386)
	EMC		CE (EN55032)
Working Environment	Operating Temp.		-20° C~50° F
	Working Humidity		20-90%RH
	Storage Temp.		-30° C~-70° F
DIMENSION (LxWxH)	450*247*100mm		
NET WEIGHT	7.0kgs		

PSC-LCD PURE SINE WAVE INVERTER CHARGER PSC-2000W



MODEL NO.	PSC-2000W
AC output voltage	230V± 10%
OUTPUT POWER(W)	CONTINUOUS 2000W. SURGE POWER 4000W
INPUT VOLTAGE	DC 12V or 24V
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion
Standby current	12V: <2.0A / 24V: <1.5A
Power Saving Mode Current	<0.3Amp
EFFICIENCY 75% LOAD	90% max.
OUTPUT REGULATION	Vac± 10%
OUTPUT FREQUENCY	50Hz or 60Hz re-setable
LOW BATTERY ALARM	10.0-11.5V / 20.0V-23.0V
LOW BATTERY SHUTDOWN	9.5V-12.0V / 19.0V-22.0V
OVER BATTERY SHUTDOWN	32± 1Vdc
THERMAL PROTECTION	60+10° C / 140+18° F
Input current	196A (max)
Protections	Low battery alarm
	Low battery shutdown
	Over battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Out short circuit protection (by electronic circuit)



Pure Sine Wave



Power Saving



Wireless APP

Fuse	15A*6pc		
	AC Charge	Input Voltage	220VAC
		By Switch	DC Output for Lead-acid battery Equalizing 14.4V/28.8V; Flat 13.8V/27.6V
		DC Output for Li-ion battery	Equalizing 14.6V/29.2V
AC Bypass	Charging current		Max 12V: 30Amp; 24V: 15Amp
	Transfer Time		<20ms
	Input Voltage Wavefor		Sine Wave
Safety & EMC	Max bypass current		10A
	Safety		LVD (EN62386)
	EMC		CE (EN55032)
Working Environment	Operating Temp.		-20° C~50° F
	Working Humidity		20-90%RH
	Storage Temp.		-30° C~-70° F
DIMENSION (LxWxH)	480*247*100mm		
NET WEIGHT	7.8kgs		

PSC-LCD PURE SINE WAVE INVERTER CHARGER PSC-2500W



MODEL NO.	PSC-2500W
AC output voltage	230V± 10%
OUTPUT POWER(W)	CONTINUOUS 2500W. SURGE POWER 5000W
INPUT VOLTAGE	DC 12V or 24V
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion
Standby current	12V: <2.0A / 24V: <1.8A
Power Saving Mode Current	<0.3Amp
EFFICIENCY 75% LOAD	90% max.
OUTPUT REGULATION	Vac± 10%
OUTPUT FREQUENCY	50Hz or 60Hz re-setable
LOW BATTERY ALARM	10.0-11.5V / 20.0V-23.0V
LOW BATTERY SHUTDOWN	9.5V-12.0V / 19.0V-22.0V
OVER BATTERY SHUTDOWN	32± 1Vdc
THERMAL PROTECTION	60+10° C / 140+18° F
Input current	245A (max)
Protections	Low battery alarm
	Low battery shutdown
	Over battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Out short circuit protection (by electronic circuit)



Pure Sine Wave



Power Saving



Wireless APP

Fuse	15A*6pc		
	AC Charge	Input Voltage	220VAC
		By Switch	DC Output for Lead-acid battery Equalizing 14.4V/28.8V; Flat 13.8V/27.6V
		DC Output for Li-ion battery	Equalizing 14.6V/29.2V
AC Bypass	Charging current		Max 12V: 30Amp; 24V: 15Amp
	Transfer Time		<20ms
	Input Voltage Wavefor		Sine Wave
Safety & EMC	Max bypass current		15A
	Safety		LVD (EN62386)
	EMC		CE (EN55032)
Working Environment	Operating Temp.		-20° C~50° F
	Working Humidity		20-90%RH
	Storage Temp.		-30° C~-70° F
DIMENSION (LxWxH)	520*247*100mm		
NET WEIGHT	8.5kgs		

PSC-LCD PURE SINE WAVE INVERTER CHARGER

PSC-3000W



MODEL NO.	PSC-3000W
AC output voltage	230V± 10%
OUTPUT POWER(W)	CONTINUOUS 3000W. SURGE POWER 6000W
INPUT VOLTAGE	DC 12V or 24V
Battery Type	STD, AGM, GEL, LiFePO4, and Lithium-ion
Standby current	12V: <3.0mA / 24V: <2.8mA
Power Saving Mode Current	<0.3Amp
EFFICIENCY 75% LOAD	90% max.
OUTPUT REGULATION	Vac± 10%
OUTPUT FREQUENCY	50Hz or 60Hz re-setable
LOW BATTERY ALARM	10.0-11.5V / 20.0V-23.0V
LOW BATTERY SHUTDOWN	9.5V-12.0V / 19.0V-22.0V
OVER BATTERY SHUTDOWN	32± 1Vdc
THERMAL PROTECTION	60+10° C / 140+18° F
Input current	294A (max)
Protections	Low battery alarm
	Low battery shutdown
	Over battery shutdown
	Input polarity protection (by fuse)
	Overload protection
	Thermal protection
	Out short circuit protection (by electronic circuit)

Pure Sine Wave

Power Saving

Wireless APP

Fuse	15A*6pc		
AC Charge	Input Voltage		220VAC
	By Switch	DC Output for Lead-acid battery	Equalizing 14.4V/28.8V; Flat 13.8V/27.6V
		DC Output for Li-ion battery	Equalizing 14.6V/29.2V
	Charging current		Max 12V: 30Amp; 24V: 15Amp
AC Bypass	Transfer Time		<20ms
	Input Voltage Wavefor		Sine Wave
	Max bypass current		15A
Safety & EMC	Safety		LVD (EN62386)
	EMC		CE (EN55032)
Working Environment	Operating Temp.		-20° C~50° F
	Working Humidity		20-90%RH
	Storage Temp.		-30° C~-70° F
DIMENSION (LxWxH)	600*247*100mm		
NET WEIGHT	10.0kgs		

04

AC-DC Battery Charger

- 4-in-1 Electric Automatic Battery Charger
- SMD-Tech LCD Display Multi-Stage Automatic Battery Charger
- Ingression Protection(IP) Ratings Battery Charger
- DC-DC Dump Trailer Battery Charger

4-in-1 Electric Automatic Battery Charger

CE certified, co-designed with a worldwide notable Japanese electrical charger maker. 3 easy steps to operate, simply plug in, select charging voltage, the device will automatically charge the battery.



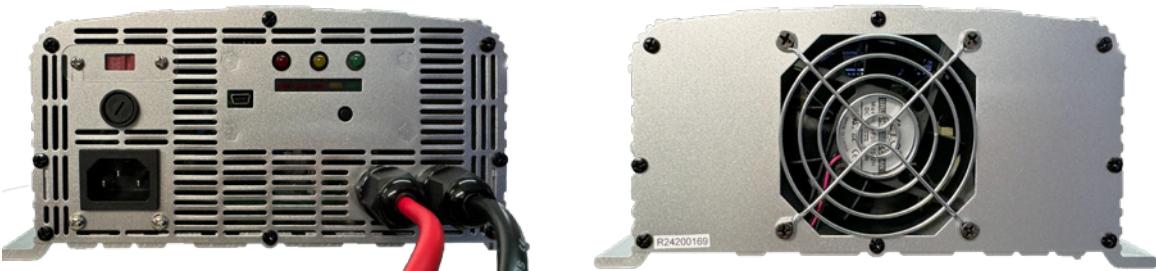
Description

Primary and secondary transformers are isolated, a safe-mechanism protected switching panel for either 110V (90-130 Vac) or 220V (200-240 Vac) input source. Output for 12Vdc, 24Vdc, 36Vdc, 48Vdc so that four 12V car batteries can be charged at the same time.

Features

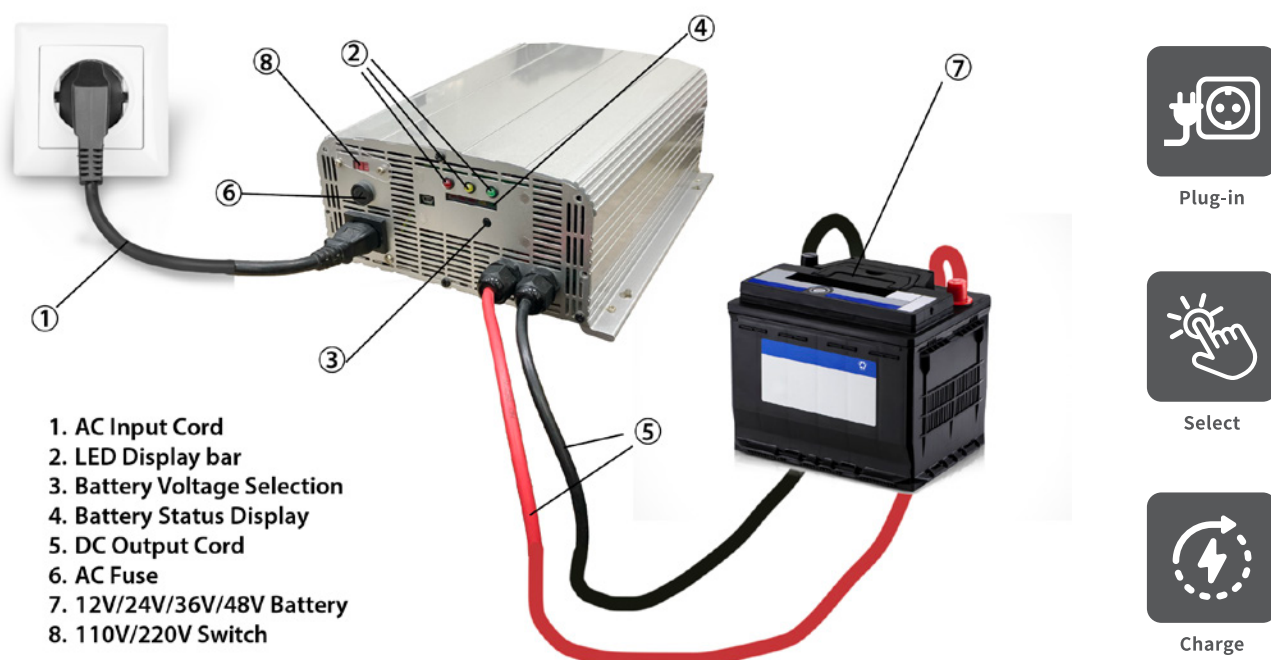
- LED bar and LED indicators to show charging status
 - Isolation system
 - Soft-start to reduce in-rush current
 - Output short circuit protection
 - Maximum current restriction
- Minimum output ripple current
 - Minimum standby current
 - Over-voltage protection
 - Thermal fan auto speed control
 - UL and E-mark/CE certified
 - 1 year warranty

4-in-1 Electric Automatic Battery Charger



Input Voltage	100V / 220V, 2 Step Switch (90 ~ 130Vac / 200 ~ 240Vac)			
Input Frequency	50/ 60Hz			
Current (Without Load)	< 0.1A			
Maximum Output Current	< 15A (under)			
Maximum Efficiency in Maxi. Power	> 80% (above)			
Output Voltage	12V	24V	36V	48V
Maximum Ampere I _{max}	30A	30A	25A	15A
Maximum Output Charging Power	450W	900W	1000W	900W
Average Charging Voltage (V _{blk})	14.7V	29.4V	44.1V	58.8V
Floating Charging Voltage (V _{flt})	13.33V	26.6V	39.9V	53.2V
Protection Function	Short Circuit Protection			
	Reversed Connection Protection			
	Over Thermal Protection			
Voltage / Current Precision	< 5%			
Longest Floating Charging Time	No Limitation			
Operating Ambiance Thermo	In full load : -20° C~ 60° C			
Operating Ambiance Humidity	Maximum 95% RV , Not Condensing			
Cool System	Automatic adjust fan according to inner thermo			
Average Thermo in Housing	< 70° C			
Dimensions	300 x 223 x 101 mm Maximum			
Weight	4.5 Kg			

Electric Automatic Battery Charger



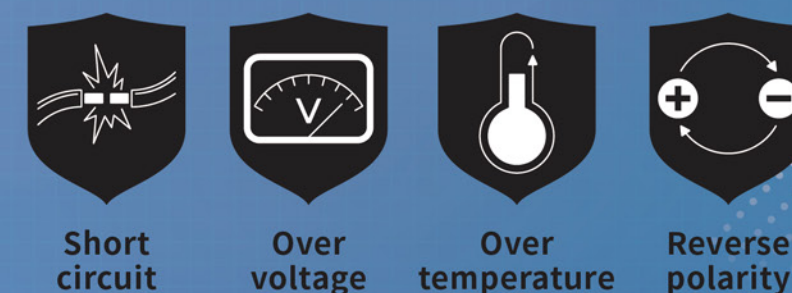
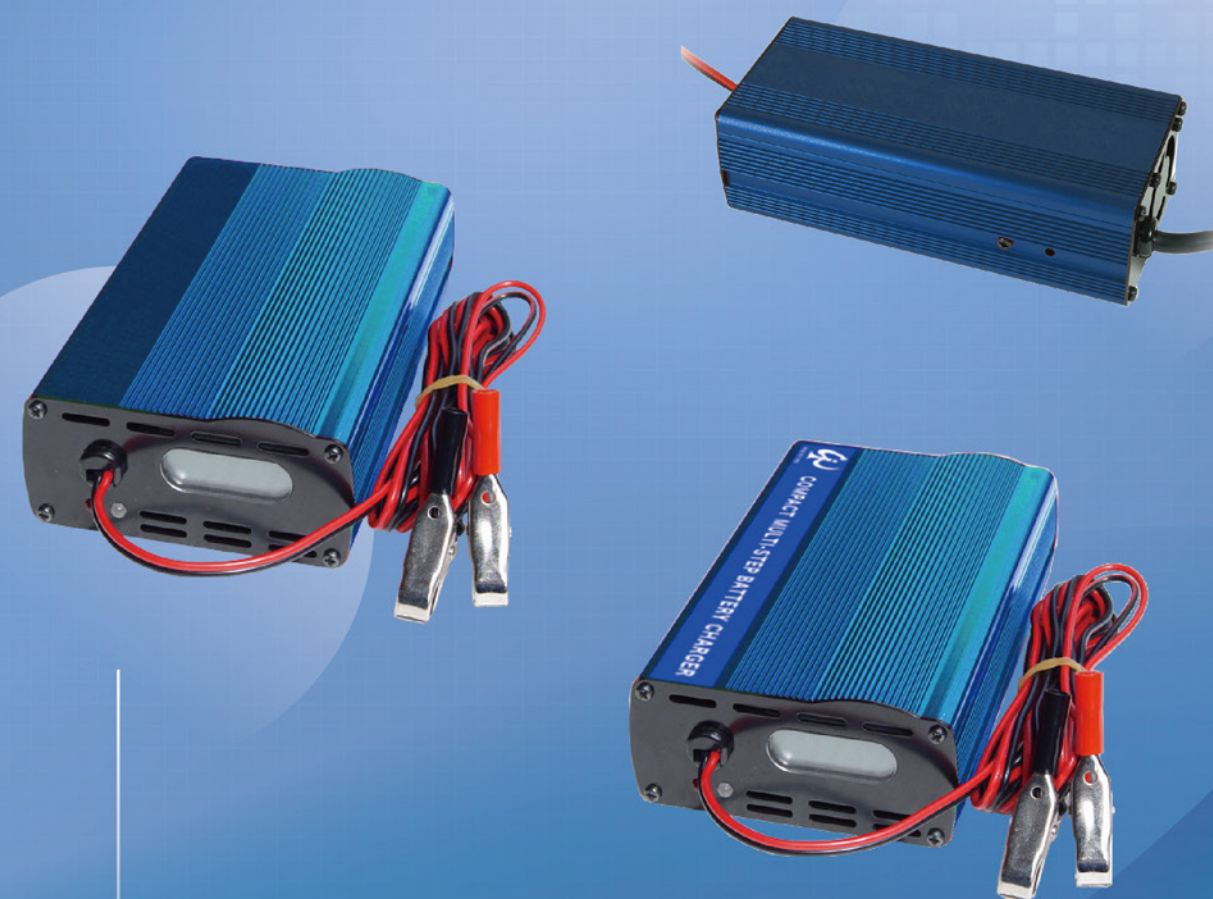
Three easy steps to charge your car battery: Plug-In and connect the cords, Select the correct charging voltage, then the device will automatically Charge the battery.

1. On the switching panel (depends on your country's AC source), switch left for the 110V, right for the 230V input.
2. Do not connect with the battery yet.
3. Plug in the AC cord one side to the charger, the other side into the wall socket.
4. Select charging voltage by pressing the small black button:
 - 12V When 1 LED lights up
 - 24V When 2 LEDs light up
 - 36V When 3 LEDs light up
 - 48V When 4 LEDs light up
5. Connect the battery clamps with the battery, wait about 30 seconds, the charger will automatically analyse the battery's condition, then it will start charging the battery.

P.S. Note that while on Step 5., it does not affect your configuration if you accidentally change the voltage setting while charging. Want to change the setting, please disconnect the unit with the battery first then restart the instruction from Step 1.

SMD-Tech LCD Display Multi-Stage Automatic Battery Charger

Soft-Start, Constant Current (Bulk, Equaliser), Constant Voltage(Absorption), Pulse & Float, automatically switching between 5 charging modes.



3-Stage Lead-Acid Battery Charger

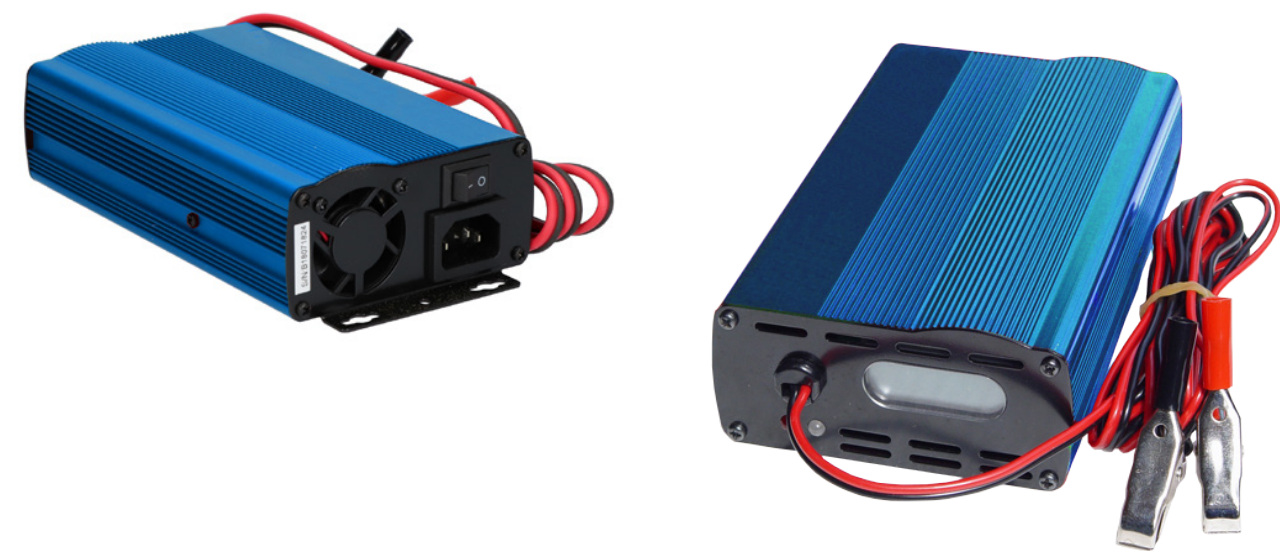
WHC1206 / WHC2404



MODEL NO.		WHC-1206	WHC-2404
Input	Voltage(Vac)	100-240Vac	
	Frequency	47~63 Hz	
Output	Equaliser Charge (Vdc)	14.7± 0.2Vdc	29.4± 0.3Vdc
	Float Charge	13.7± 0.2Vdc	27.4± 0.3Vdc
	Current(+/-5%)	6A	4A
	Wattage(W)	88W	117W
Efficiency		>85%	
Protections	Short-Circuit(W)	Yes, automatic shutdown	
	Polarity Inversion	Yes, automatic shutdown	
	Overload Shutdown	Yes, current limited	
	Cooling Fan	Speed controlled by charging stage	
Dimensions (cm)		15.5cm*7cm*4.8cm	
Weights(Kgs)		0.5kgs	
Functions	Accessories	Clamps/Plug with cigarette lighter	Clamps
	Charging Cycle	3 Steps	

Multi-Stage Lead-Acid Battery Charger

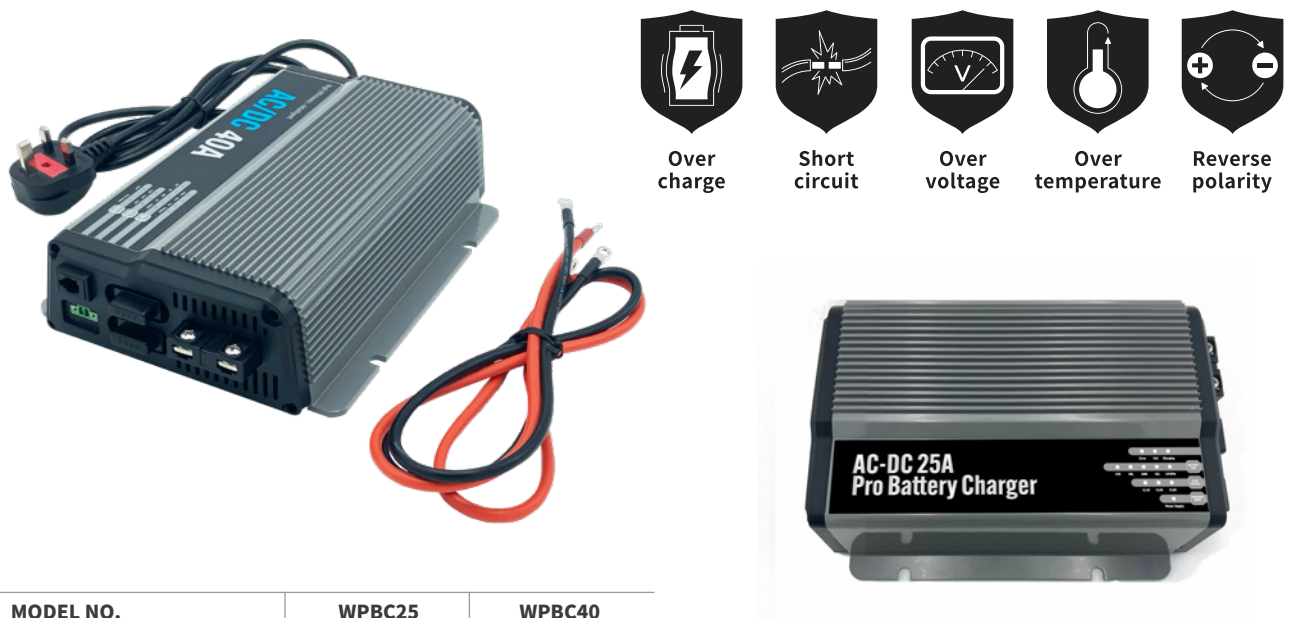
WHC1210 / WHC2404 / WHC4803



MODEL NO.		WHC-1210	WHC-2407	WHC-4803
Input	Voltage(Vac)	100-240Vac		
	Frequency	47~63 Hz		
Output	Equaliser Charge (Vdc)	14.7± 0.2Vdc	29.4± 0.3Vdc	44.1± 0.4Vdc
	Float Charge	13.7± 0.2Vdc	27.4± 0.3Vdc	41.1± 0.4Vdc
	Current(+/-5%)	10A	7A	3.5A
	Wattage(W)	147W	206W	205W
Efficiency		>85%		
Protections	Short-Circuit(W)	Yes, automatic shutdown		
	Polarity Inversion	Yes, automatic shutdown		
	Overload Shutdown	Yes, current limited		
	Cooling Fan	Speed controlled by charging stage		
Dimensions (cm)		16.7cm*10.3cm*5.5cm		
Weights(Kgs)		0.9kgs		
Functions	Accessories	Clamps		
	Charging Cycle	5 Steps		

Ingression Protection(IP) Ratings Battery Charger IP20 Pro Battery Charger 25A/40A

Compact and robust design, high efficiency, intelligent 3 stages charging: Bulk, Absorption, and Float. 1 way output, 220-240V input, 50-60Hz.

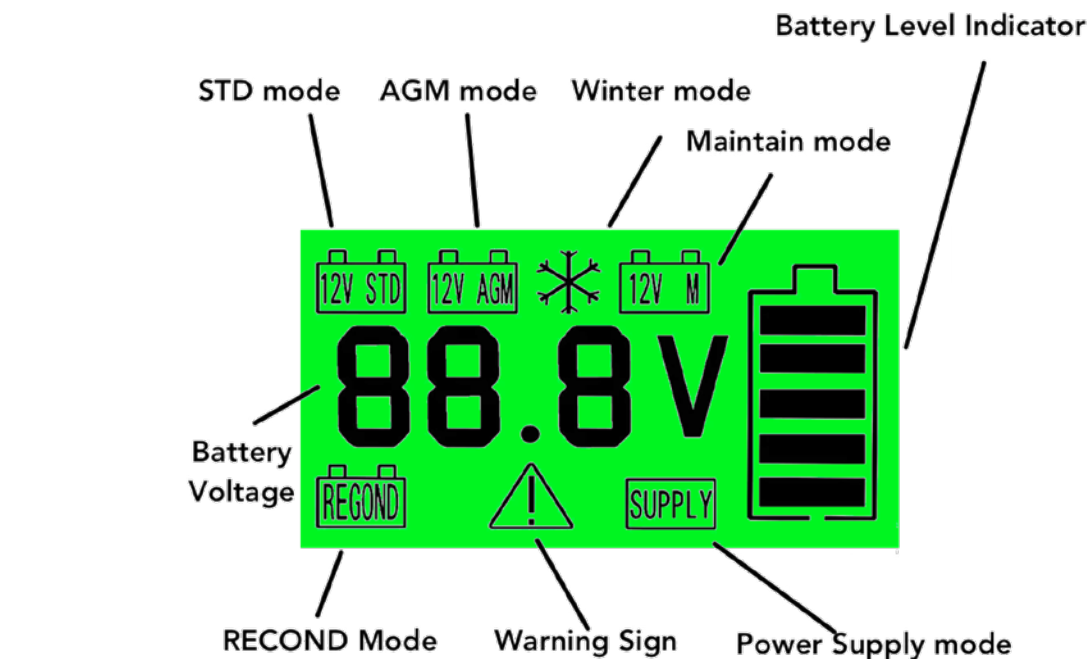


MODEL NO.	WPBC25	WPBC40
Battery Type	STD, AGM,CAL & LiFePO4 (4 series)	
Temperature Sensor	Compensate at -18mV/ C(25 C)	
Back Current Drain	1mA	
Rated Input Voltage AC	220-240Vac	
DC Output	12V25A, 1-way output	12V40A, 1-way output
Input Frequency	50Hz-60Hz	
Standby Power Consumption	3.5W	5W
Efficiency	>90%	
Working Temperature	-13° F to +113° F (-25 C to +45 C)	
Protections	Reversed Polarity	
	Over-charging	
	Open-circuits	
	Short-circuit	
	Over-heating	
Dimension(L*W*H)(cm)	21*19*7.2cm	28.6x19x7.16cm
Case Structure	Aluminium case with pre-drilled holes	
Display	LED Indicators for charging status and battery types	

Buttons Control Choose Battery Type, Float Voltage And Power Supply Mode.				
Charge Type	3 Stage			
Charging Profile	STD	AGM	CAL	LiFePO4
Bulk	Constant 25A at 12V		Constant 40A at 12V	
	14.4V	14.7V	15.3V	14.5V
Absorption(Maximum OutputVoltage)	Constant voltage until current drops below 1.5A			
Float	13.2V/13.5V/13.8V Options			

IP65 12V LCD Intelligent Battery Charger with Power Supply and Winter mode

IP65 water resistant housing. Battery voltage and charging progress LCD display. 8-step fully automatic charging cycle. Based on the battery' s condition to switch to different charging modes: Low battery, Exhausted battery saving, Normal; Different batteries selections: AGM, STD, Winter, Maintain, Power Supply, and Recond. Winter mode is recommended for charging in cold weather.



Normal 12V STD, 12V AGM, WINTER, 12V M; Additional: RECOND & Power Supply.

Winter Programmed for lead acid battery (AGM, GEL) in cold weather about -20° C to +5° C(-4° F to 41° F).

RECOND "Recondition", charging with higher end-of-charge voltage and constant current, this function is only for restoring the charging capability of lead acid batteries which have undergone exhaustive discharge. While using RECOND mode, the charger should be checked every half an hour and must never exceed a time of 4 hours.

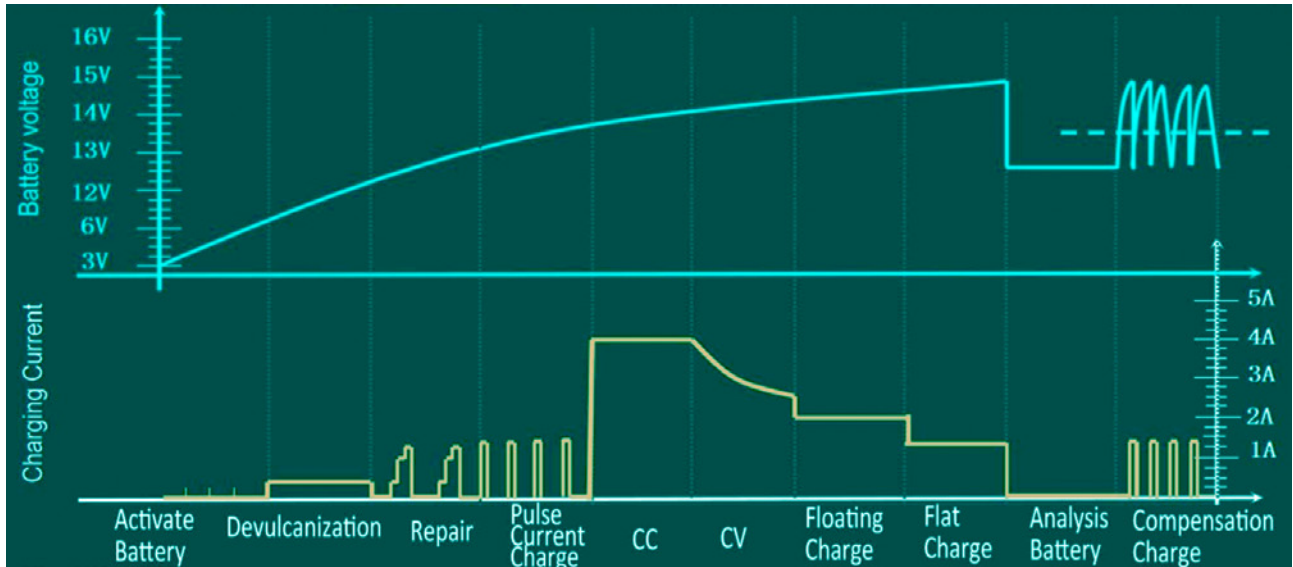
12V STD Refers to standard charging, this appears when the charger is used for the first time.

12V M Batteries with low capacity.



The package includes the cables with 10A Fuse, the 18 gauge copper wire, SAE 2-Pin quick disconnect plug to O ring terminal harness; alligator clips to SAE 2-pin quick disconnect plug; SAE 2-pin quick connector single plug.

Charging Curve



IP65 12V LCD Intelligent Battery Charger with Power Supply and Winter mode



IP65

Ingress Protection

Winter Mode

Recond Mode

Short circuit

MODEL NO.	WBL-4A12	WBL-6A12	WBL-10A12
Features	LCD Charging Mode/Status Display		
Charging Current	4A	6A	10A
Battery Voltage	12V	12V	12V
Power	70W	100W	160W
Voltage AC	220-240VAC, 50-60Hz		
Charging Type	8 Steps fully Automatic		
Cable Length	1.5M		
Protections	Overload cut-out Short-circuited		
Battery Capacity	3-120Ah	3-150Ah	3-200Ah
Insulation class	IP65		
Size	23.0*8.5*4.5(cm)	28.0*10.0*6.0(cm)	30.0*10.0*6.0(cm)
Certifications	CE/GS/ROHS/EMC Certificated		

DC to DC Dual-Battery Dump Trailer Battery Charger

WEN25A / WEN40

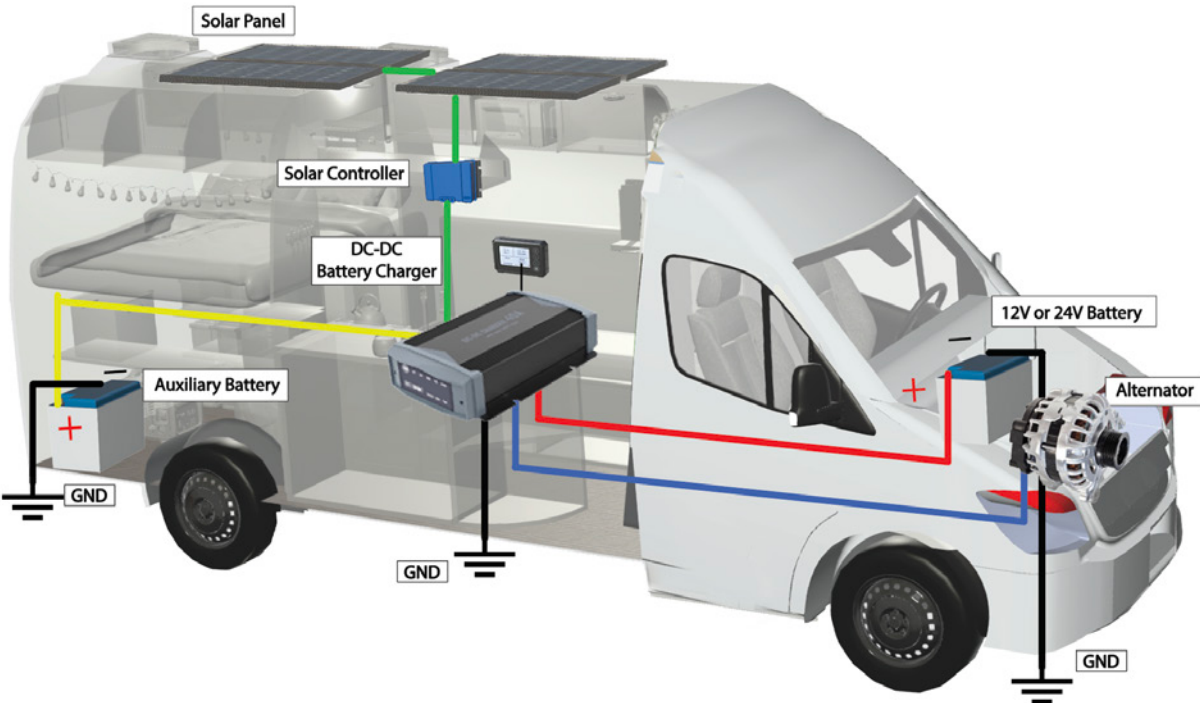
Featuring 3-stage charging profiles and multiple electronic protections. Dual battery charging from a vehicle that has both solar panel and alternator charging 12V or 24V main battery to 12V auxiliary battery. For STD, GEL, AGM, CAL, and LiFePo4 batteries. IP66, resistant to dust, water, and shock damage, allows it to be installed in RV's, commercial vehicles, boats, yachts, etc. Fanless and no noise, compact size.


IP66
Ingress Protection



LCD Display

DC to DC Dual-Battery Dump Trailer Battery Charger

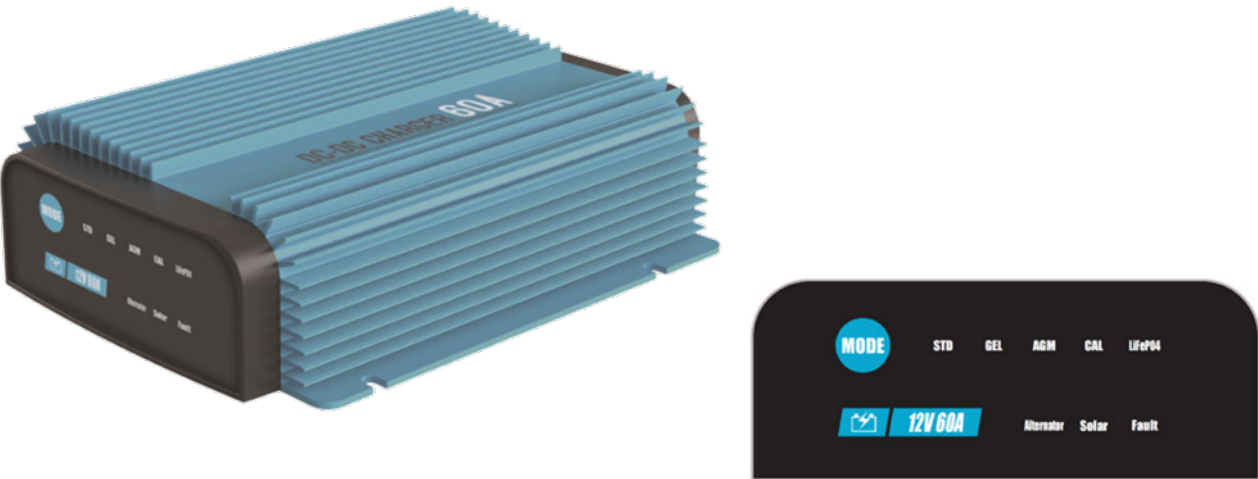


MODEL NO.	WEN25A	WEN40A
Vehicle Input Voltage	9-32V	
Solar Input Voltage	9-32V	
Max Input Current	25A	45A
Input Fuse Input Rating	40A	60A
Continuous Output Current	20A	40A
Output Fuse Input Rating	40A	60A
Minimum Start Voltage	4V	
Standby Current	<10mA	
Charging Battery Type	STD, Gel, AGM, Calcium, LiFePO4	
Operating Temperature	-20°C to 80°C	
Dimensions (L*W*H)(cm)	15*12.7*3.9 cm	15*12.7*3.9 cm
IP Rating	IP 66	
Weight(kg)	6.85kg	8.66kg

Charge Control				
Charge Stage	3 Stages			
Charging Profile	STD	Gel	AGM	Calcium
Maximum Voltage	14.4V	14.1V	14.7V	15.3V
Float Voltage	13.4V	13.5V	13.4V	13.6V
Operating Mode				
Input	Turn On		Turn Off	
12V Standard Alternator	>13.2V		>12.8V	
24V Standard Alternator	<26.2V		<25.6V	
12V Smart Alternator	>12.0V		>24.0V	
24V Smart Alternator	<11.8V		>23.6V	

DC to DC Dual-Battery Dump Trailer Battery Charger

WEN60A



MODEL NO.	WEN60A				
Vehicle Input Voltage	9-48V				
Solar Input Voltage	10-48V				
Max Input Current	60A				
Input Fuse Input Rating	80A(Not Supplied)				
Output Fuse Input Rating	80A(Not Supplied)				
Solar Input Turn On Voltage	12V				
Minimum Output Power Of Solar Panels	30W(for MPPT Charging)				
Maximum Output Power	720W				
No Load Current Draw	<15mA				
Charging Battery Type	STD, Gel, AGM, Calcium, LiFePO4				
Operating Temperature	-20°C to 80°C				
Dimensions (L*W*H)	206*155*60 mm				
IP Rating	IP 66				
Battery Capacity	100-1200Ah				
Charge Stage	3 Stages				
Charging Profile	STD	Gel	AGM	Calcium	LiFePO4
Bulk	Constant 55A at 12V				
Absorption(Maximum Output Voltage)	14.4V	14.1V	14.7V	15.3V	1.6V
	Constant voltage until current drops below 2.6A				
Float	14.4V	14.1V	14.7V	15.3V	13.6V

05

AC-AC Step Up / Step Down

Transformer

AC to AC Step-up, Step-down voltage Transformer 110Vac to 220Vac or 220Vac to 110Vac



AC to AC Step-up, Step-down voltage Transformer 110Vac to 220Vac or 220Vac to 110Vac

W30C515 / W30C516 / W30C517 / W30C518 / W30C519



110V/220V Voltage Selector and fuses in the rear side



MODEL NO.	W30C515	W30C516	W30C517	W30C518	W30C519
Input Voltage(Vac)	110Vac or 220Vac	110Vac or 220Vac	110Vac or 220Vac	110Vac or 220Vac	110Vac or 220Vac
Input Frequency	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
Output Vac	220V or 110V	220V or 110V	220V or 110V	220V or 110V	220V or 110V
Peak Watt	100VA	200VA	300VA	500VA	750VA
Electrical Cord	0.5m m ² /24 AWG	0.5m m ² /24 AWG	0.5m m ² /24 AWG	0.75m m ² /21 AWG	1.0m m ² /18 AWG
Efficiency	85% max.	85% max.	85% max.	85% max.	85% max.
Fuse	3 Outlets, 0.5A Fuse	3 Outlets, 1.0A Fuse	3 Outlets, 1.5A Fuse	3 Outlets, 3.0A Fuse	3 Outlets, 4.0A Fuse
Mechanical Dimensions (L*W*H)(cm)	15*12*9.9	15*12*9.9	18*13*12.4	18*13*12.4	18*13*12.4
Net Weight	1.83kgs	2.28kgs	3.60kgs	3.83kgs	4.75kgs

AC to AC Step-up, Step-down voltage Transformer
110Vac to 220Vac or 220Vac to 110Vac
W30C520 / W30C521 / W30C522 / W30C523



MODEL NO.	W30C520	W30C521	W30C522	W30C523
Input Voltage(Vac)	110Vac or 220Vac	110Vac or 220Vac	110Vac or 220Vac	110Vac or 220Vac
Input Frequency	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
Output Vac	220V or 110V	220V or 110V	220V or 110V	220V or 110V
Peak Watt	1000VA	1500VA	2000VA	3000VA
Electrical Cord	SJT-14 AWG	SJT-14 AWG	SJT-14 AWG	SJT-14 AWG
Efficiency	85% max.	85% max.	85% max.	85% max.
Fuse	3 Outlets-5A Fuse	3 Outlets-6.0A circuit breaker	3 Outlets-10.0A circuit breaker	3 Outlets-15A Fuse *2 & 15A circuit breaker*1
Mechanical Dimensions (L*W*H)(cm)	24*19*15	24*19*15	24*19*15	25.9*22.1*18
Net Weight	7.0kgs	9.0kgs	12.0kgs	13.5kgs

AC to AC Step-up, Step-down voltage Transformer
110Vac to 220Vac or 220Vac to 110Vac
W30C518-1 / W30C521-1 / W30C523-1



MODEL NO.	W30C518-1	W30C521-1	W30C523-1
Input Voltage(Vac)	110Vac or 220Vac	110Vac or 220Vac	110Vac or 220Vac
Input Frequency	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
Output Vac	220V or 110V	220V or 110V	220V or 110V
Peak Watt	500VA	1500VA	3000VA
Electrical Cord	0.75m m ² /21 AWG	SJT-14AWG	SJT-14AWG
Efficiency	85% max.	85% max.	85% max.
Fuse	3 Outlets, 3.0A Fuse	3 Outlets, 15.0A Fuse	3 Outlets, 25A Fuse
Mechanical Dimensions(L*W*H)(cm)	16.5*12.5*12	23.5*19.5*17.5	27*19.5*17
Net Weight	2.2kgs	5.0kgs	10.0kgs

06

JUMP STARTER

12V LCD Display Supercapacitor(Ultracapacitor) Jump Starter
LCD Display, Suupercapacitor technology Jump start booster. Maintenance free, batteryless, and cold resistant to safely recharge/re-boost an almost run-out battery of a vehicle in less than 2 minutes.



- Maintenance free
- No fire or explosion hazards like lithium-ion jump starter
- Super safe, full protection
- 2 mins Instant charging
- LCD display
- Easy to use, carry, and storage
- Harsh weather condition applicable
- 10,000 time cycle life

ONLY 3 STEPS TO JUMPSTART
YOUR CAR EASILY!

JUMP STARTER
UCJS300 / UCJS500 / UCJS800



STEP 1

Connect the clamps to the car battery
(verify the polarity of the connection)



STEP 2

Press On/Off switch and wait for 1-2 mins

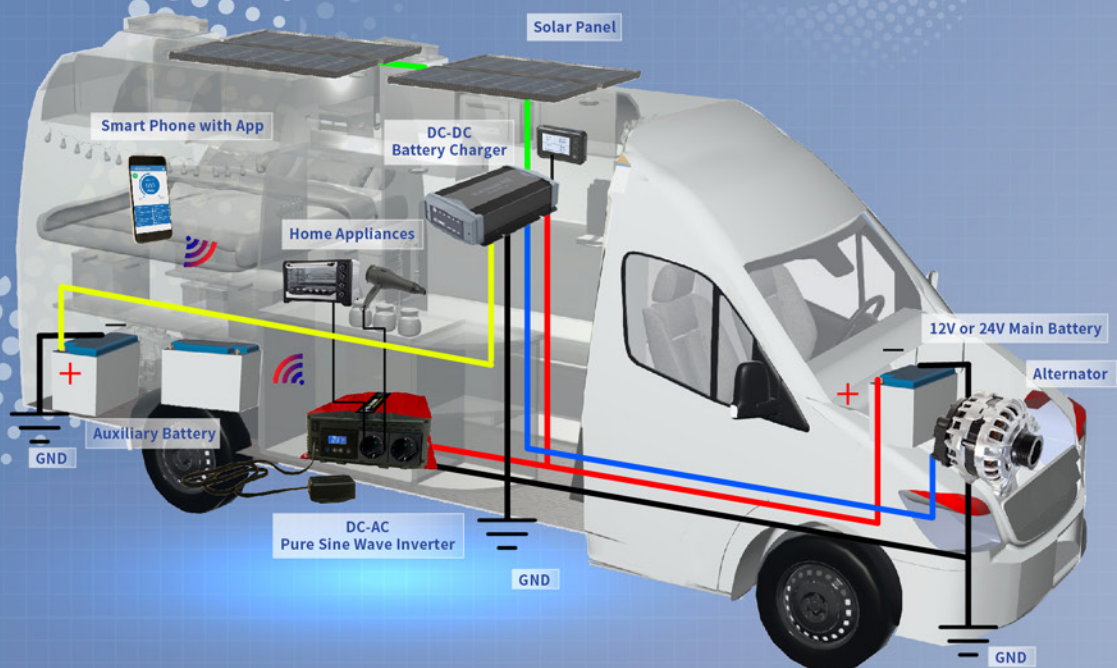


STEP 3

Ready to start your car engine



MODEL NO.	UCJS300	UCJS500	UCJS800
Starting Current	300A	500A	800A
Peak Current	600A	1000A	1600A
Charging Voltage	12V		
Working Temperature	-40C° to 65° C(-40° F to 149° F)		
Size(cm)	16.7*4.7*10.6cm	20*5.7*13.6cm	23.9*5.7*15.1cm
Weight	0.81Kg	1.15Kgs	1.94Kgs



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ISO-9001:2015

IATF 16949:2016