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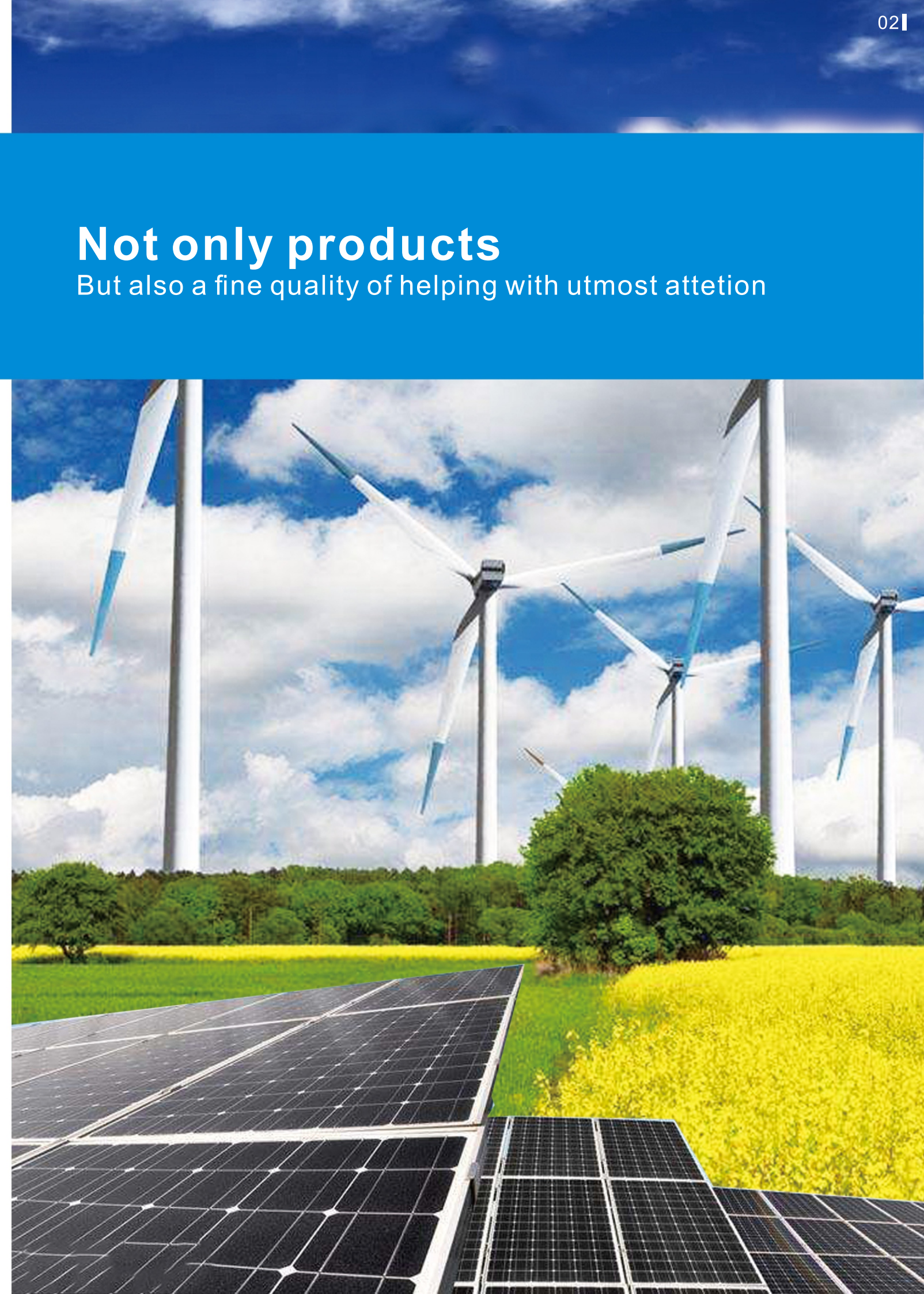
YUCOO Network Equipment Co., Limited

POWER

Not only products

But also a fine quality of helping with utmost attetion

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Company introduction

YUCOO Network Equipment Co.,Ltd is one of marketing leader for different kind of AC to DC power supply, DC to AC inverter, DC to DC converter and AC to AC power source more than 13 years. Such as:

Adjustable dc power supply
DC-DC converter
Pure Sine wave inverter
Power distribution unit
Switching power supply
Rectifier system
Battery charger...

We are the grey hair of power supply business and honor to serve many Value customer from all over the world.

Quality is our culture, Our Value Message is with us your money in safe your business in safe

We have professional production line and stuff whom can making a nice quality in short time

All our items are coming with certification and we have special team work for after sale services 7*24

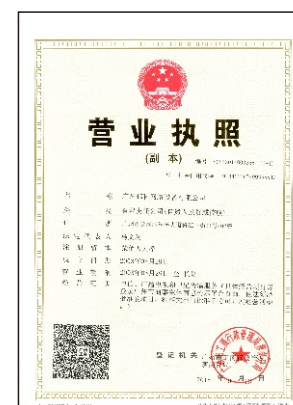
We can sign a contract with you as honest dealer we never crook our customers

We strict implement the operation guideline of "Leading Technology, Reliable Quality, Satisfactory Service and Customer First"

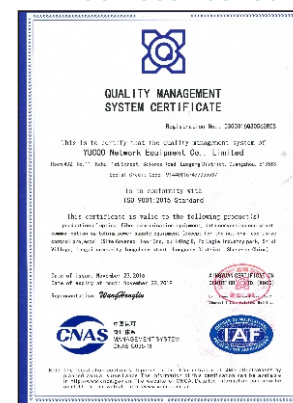
Welcome to cooperate with us and realize win-win strategy together. As we have an excellent team which is experiences with market and had strong technical capability to customize cost effective, we also can customize any specification power supply as you request. We design, we development, we support, We enjoy good reputation from all of our customers. If you have any inquiry or interest, please feel free to contact us for further information.



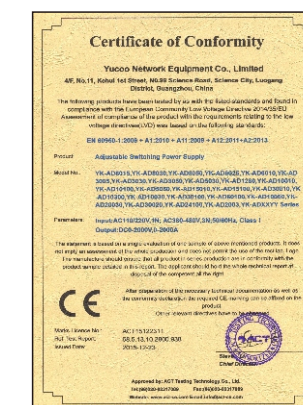
Certification



Business license



ISO certificate



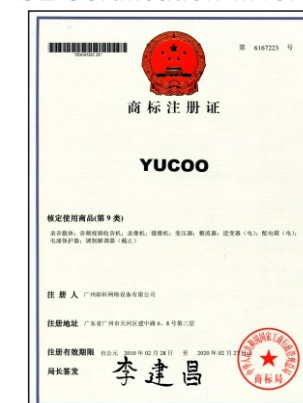
CE Certification-Converter



Supplier Assessment Certification



CE Certification-Inverter



Trademark certificate

› DC-DC Converter

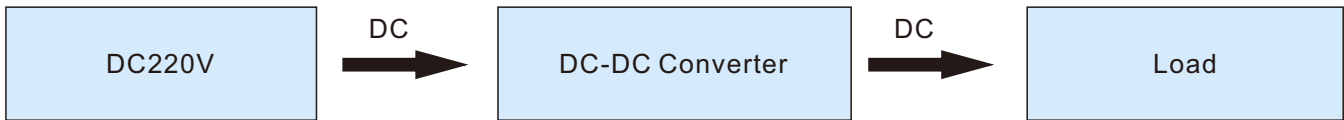
Introduction

- DC-DC Converter is specially designed for meeting the requirements of all kinds of communication equipments of communication and electric power departments.
- DC-DC Converter adopts the high frequency switching technology and has many good points, including high accuracy voltage stabilizing, low output noise, strong capacity of resisting disturbance, small volume, light weight, beautiful external shape, etc.
- DC-DC Converter is the ideal configuration supplying power to the communication equipments of different voltage grades

Main Characteristics

- Input and output complete isolation, safety and credibility.
- Advance current control mode and stable & reliable circuit topological structure.
- The key parts all adopt the imported components, and main technical indexes are much higher than the national related standards
- All-around protection functions, output over/under voltage, over current, short-circuit and over temperature protection of whole body
- Adopt no-master automatic equalized current technology, can parallel connection, convenient to extend the capacity
- AC and DC input are available, and AC and DC can be fully isolated by electricity

Working schematic



› DC-DC Converter

Customize range

Model	Series	Output Current
YK-DD220S48**	220VDC to 48VDC	10A、20A、30A、40A、50A、60A、90A、120A、150A
YK-DD220S24**	220VDC to 24VDC	20A、30A、40A、50A
YK-DD110S24**	110VDC to 24VDC	20A、30A、40A、50A
YK-DD110S48**	110VDC to 48VDC	10A、20A、30A、40A、50A
YK-DD48S24**	48VDC to 24VDC	10A、20A、30A、40A、50A、60A、80A、100A、120A
YK-DD24S48**	24VDC to 48VDC	10A、15A、20A、30A、40A、50A、60A
YK-DD48S12**	48VDC to 12VDC	10A、20A

Specification

Input voltage range	24VDC (20~30VDC)
	48VDC (40~60VDC)
	110VDC (90~130VDC)
	220VDC (180~360VDC)
Output voltage range	24VDC (20~28VDC)
	48VDC (40~60Vdc)
Load regulation	≤0.2%
Power grid regulation	≤0.1%
Degree of imbalance for equalized current	≤±5%
Phone weighted noise voltage	≤2mV、(CCITT)
Peak—peak noise	≤150mV
Wide frequency noise	≤50mV
Discrete noise	≤20mV
Efficiency	≥83%
Dynamic response	20% ~ 100% step load≤200Restoring time≤100uS
Working temperature	-5~45℃
Cooling mode	Temperature control wind cooling
MTBF	100,000Hour



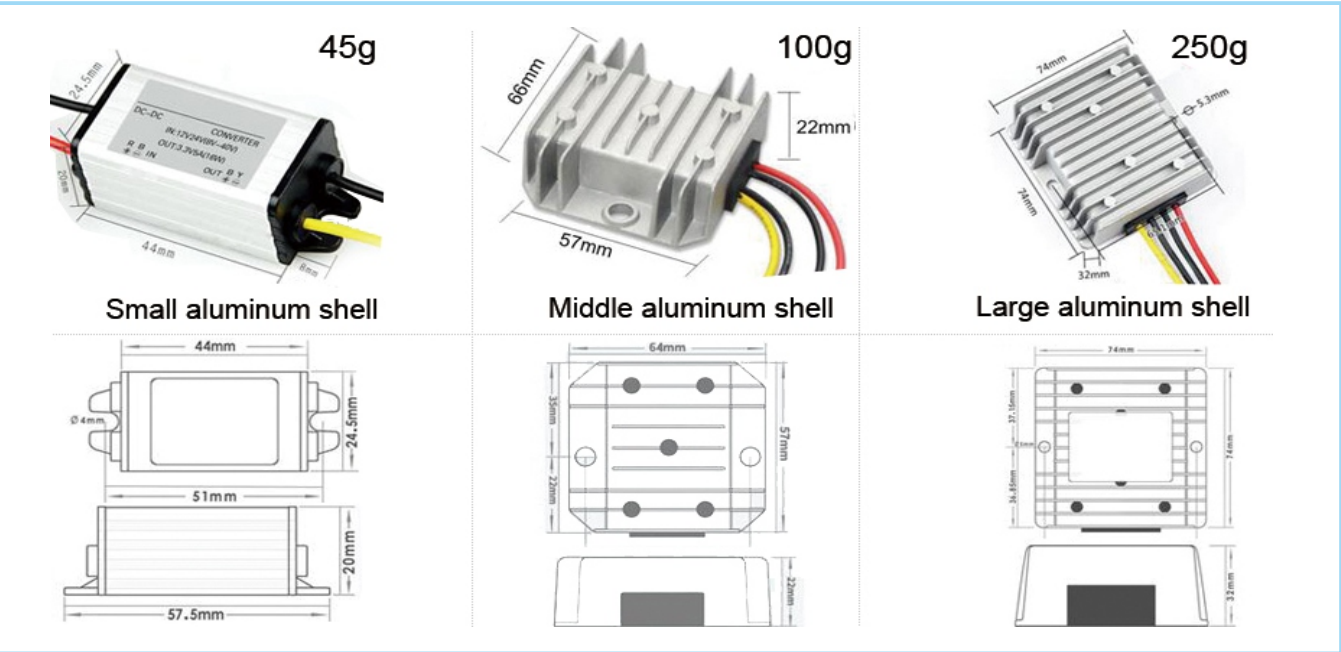
DC-DC Converter



Order List

Model	Input voltage	Output voltage	Output Current	Load channel	Battery channel	Dimension
YK-DD220S4810	DC220V	DC48V	10A	4 channel	/	1U
YK-DD220S4820	DC220V	DC48V	20A	2/4 channel	0/2 channel	2U
YK-DD220S4830	DC220V	DC48V	30A	2/4 channel	0/2 channel	2U
YK-DD220S4850	DC220V	DC48V	50A	1/2 channel	0/1 channel	2U
YK-DD220S2420	DC220V	DC24V	20A	4channel	/	1U
YK-DD220S2430	DC220V	DC24V	30A	2/4 channel	0/2 channel	2U
YK-DD220S2440	DC220V	DC24V	40A	2/4 channel	0/2 channel	2U
YK-DD220S2450	DC220V	DC24V	50A	2/4 channel	0/2 channel	2U
YK-DD110S4810	DC110V	DC48V	10A	4 channel	/	1U
YK-DD110S4820	DC110V	DC48V	20A	2/4 channel	0/2 channel	2U
YK-DD110S4830	DC110V	DC48V	30A	2/4 channel	0/2 channel	2U
YK-DD110S4850	DC110V	DC48V	50A	1/2 channel	0/1 channel	2U
YK-DD110S2420	DC110V	DC24V	20A	4 channel	/	1U
YK-DD110S2430	DC110V	DC24V	30A	2/4 channel	0/2 channel	2U
YK-DD110S2440	DC110V	DC24V	40A	2/4 channel	0/2 channel	2U
YK-DD110S2450	DC110V	DC24V	50A	2/4 channel	0/2 channel	2U
YK-DD48S2410	DC48V	DC24V	10A	3 channel	/	1U
YK-DD48S2430	DC48V	DC24V	30A	4 channel	/	2U
YK-DD48S2420	DC48V	DC24V	20A	1 channel	/	2U
YK-DD48S2440	DC48V	DC24V	40A	1 channel	/	2U
YK-DD48S2460	DC48V	DC24V	60A	1 channel	/	4U
YK-DD48S2480	DC48V	DC24V	80A	1 channel	/	4U
YK-DD48S24100	DC48V	DC24V	100A	1 channel	/	4U
YK-DD48S24120	DC48V	DC24V	120A	1 channel	/	4U
YK-DD48S1220	DC48V	DC12V	20A	1 channel	/	2U
YK-DD48S1240	DC48V	DC12V	40A	1 channel	/	2U
YK-DD48S1260	DC48V	DC12V	60A	1 channel	/	4U
YK-DD48S12120	DC48V	DC12V	120A	1 channel	/	4U
YK-DD24S4810	DC24V	DC48V	10A	4 channel	/	2U
YK-DD24S4815	DC24V	DC48V	15A	4 channel	/	2U
YK-DD24S4810	DC24V	DC48V	10A	1 channel	/	2U
YK-DD24S4820	DC24V	DC48V	20A	1 channel	/	2U
YK-DD24S4830	DC24V	DC48V	30A	1 channel	/	4U
YK-DD24S4840	DC24V	DC48V	40A	1 channel	/	4U
YK-DD24S4860	DC24V	DC48V	60A	1 channel	/	4U

Buck and boost DC-DC Converter



Features

- 1. Constant voltage design
- 2. SMT Process
- 3. Non-Isolated Module
- 4. 2:1 wide input range
- 5. Built-in EMI filter, low ripple noise
- 6. 100% full load burn-in test
- 7. Certificates :CE
- 8. Waterproof level : IP67
- 9. Protections: Short circuit/Over load /voltage / Automatic recovery work
- 10. Ultra compact size, light weight , high reliability
- 11. 1 year warranty, lifetime up to 100,000 hours

Apply for

- 1.Electric motors, Electric fans , Trucks, Golf Carts ,Forklifts
- 2.Navigation, surveillance, Air conditioning
- 3.LED car display, DVD, LED lights, Audio
- 4.Wind Power System, Solar Power System, Photo voltaic energy
- 5.Electrical appliances, industrial equipment, telecommunications and so on.



› Buck and boost DC-DC Converte

Intelligent Protection

The smart mulchip import from USA,with multiple intelligent protection function,high conversion efficiency and stability.

1. Aluminum shell
Thermal Dissipation.
Heat Conduction

2. Organic Silica Gel
IP 67 Protection grade
for harsh environment

Waterproof,Moistureproof
Dustproof, Shockproof

SMT Process

Fr-4 multilayer circuits, resistors, capacitors and switch MOS tube are SMD components, with high integration, high reliability, high stability

Chip, MOS transistor
resistor, Capacitance
all SMT process

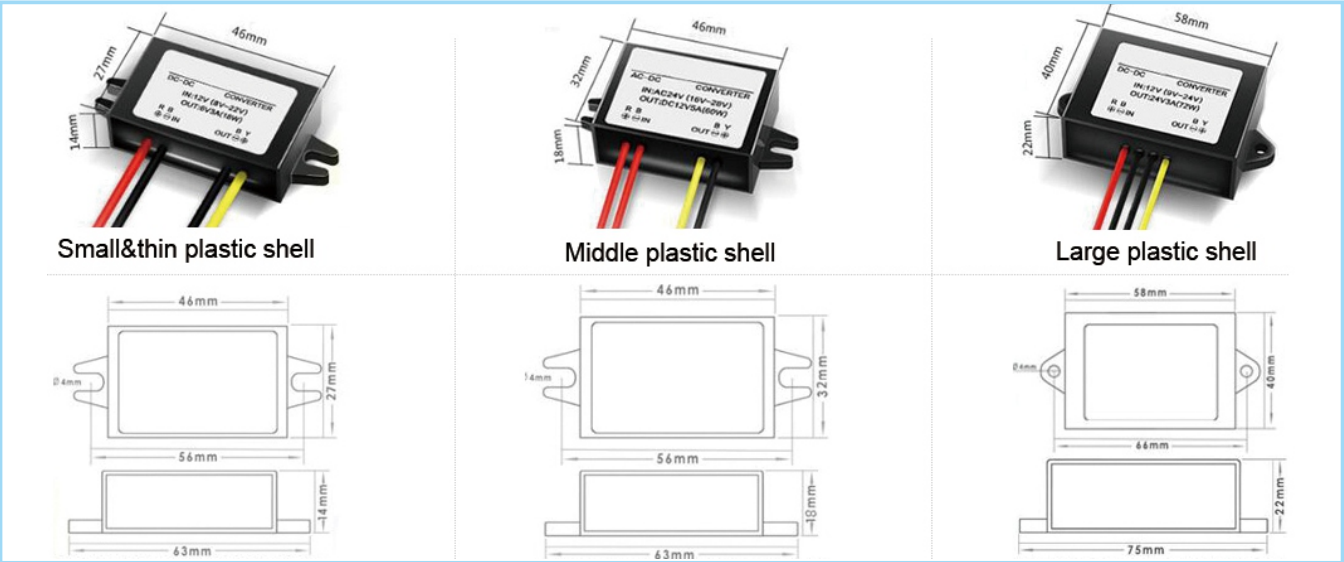
high integration density,
reliability, high stability

Customize range

Type	Model	Voltage convert Input to output	Output Current (Be option)
Boost DC-DC Converter	YKDD5S12** Series	5vdc to 12vdc	1~10A
	YKDD12S13.8** Series	12vdc to 13.8vdc	1 ~18A
	YKDD12S15** Series	12vdc to 15vdc	1~15A
	YKDD12S19** Series	12vdc to 19vdc	1~15A
	YKDD12S24** Series	12vdc to 24vdc	1~21A
	YKDD12S27/28 Series	12vdc to 27vdc/28vdc	1~10A
	YKDD12S32/36** Series	12vdc to 32vdc/36vdc	1~8A
Sep down DC-DC Converter	YKDD12S48** Series	12vdc to 48vdc	1~6A
	YKDD1224S3.3-9** Series	12vdc/24vdc to 3.3-9vdc	1~30A
	YKDD24S12** Series	24vdc to 12vdc	1 ~30A
	YKDD3648S5** Series	36vdc/48vdc to 5vdc	1~25A
	YKDD3648S12** Series	36vdc/48vdc to 12vdc	1~25A
	YKDD3648S24** Series	36vdc/48vdc to 24vdc	1~21A
	YKDD48S36** Series	48vdc to 36vdc	1~10A
	YKDD60S5** Series	60vdc to 5vdc	1 ~20A
	YKDD60S12** Series	60vdc to 12vdc	1 ~15A
	YKDD60S24** Series	60vdc to 24vdc	1 ~15A
Automatic Step down and Boost DC-DC Converter	YKDD60S36 Series	60vdc to 36vdc	1 -8A
	YKDD12S12 Series	12vdc to 12vdc	1-10A
	YKDD24S24 Series	24vdc to 24vdc	1-10A

- Note:**
- Output current be option only but not constant adjustable
 - Other Specification can customize base on user request. Please contact with YUCOO Sale team
 - Non-Isolated design
 - Constant voltage design
 - Waterproof
 - High efficiency

› Buck and boost DC-DC Converte



Common Specification

Input voltage	5/12/24/36/48/60Vdc.....or others
Output voltage	5/12/13.5/14.5/24/28/29/36/48/60Vdc...or others
Output Current	1A-30A
Conversion efficiency	>90%
Voltage regulation	±1%
Load regulation	± 2%
Ripple (Full load test)	< 150mV
No-load current	< 60mA
Working temperature	-20~80℃
Waterproof rating	IP67
USB Portoption (9 type design for option)	Dual cable +Dual USB 、 Dual cable + Dual USB female port Dual cable output+ dual USB with install hole Dual USB female port 、 micro port、 mini P5 PORT USB female port with install hole 、 USB Female port USB+MICRO
Protection	Over-current / voltage / load protection
	Overheat protection
	Lower voltage protection
	Intrusion protection
	Short-circuit protection and automatic recovery
Dimension	Full waterproof potting
	Small & thin plastic shellSIZE : 46*27*14mmNW: 30g
	Middle plastic shellSIZE : 46*32*18mmNW: 50g
	Large plastic shellSIZE : 58*40*22mmNW: 97g
	Small aluminum shellSIZE : 44*24.5*20mmNW: 45g
	Middle aluminum shellSIZE : 66*57*22 mmNW:100 g
	Large aluminum shellSIZE : 74*74*32mmNW: 250g



- ◆ This product has perfect safety protection functions, such as DC input inverse connection prevention and DC input buffering protection and other comprehensive protection measures for overvoltage, overload, short circuit, over-temperature and inverter fault.
- ◆ Due to the adoption of the advanced backward noise suppression techniques, this product does not mutually intervene with the communication equipment sharing the DC cabinet. The AC input terminal employs multiple filtering to eliminate the interference of the utility power grid in order to meet the requirements of the application system for AC-dominated power supply.
- ◆ This product can flexibly set AC-dominated power supply and DC-dominated power supply (such power supply form can be switched through LCD panel or communication background software):
1. When there is mains, AC-dominated inverter power supply is under mains output mode; in case of mains fault, AC inverter power supply automatically switches to inverter output.
2. DC-dominated inverter power supply is under inverter output mode during normal operation, and automatically switches to mains by-pass output during the occurrence of DC input fault.
- ◆ This product also has the function of LED+LCD status display, alarm signal display and alarm recording, and is provided with 128*64 lattice screen as the perfect humanized man-machine interface with blue background and white subtitles.
- ◆ This product has 5 groups of passive dry contacts respectively for DC input fault, AC input fault, overload information, by-pass information and output fault.
- ◆ This product is also provided with completely independent RS232 and RS485 communication interfaces, and supports real-time data communication function, and can use the monitoring software to monitor and control the working condition of the inverter power supply in a real-time manner.
- ◆ This product supports built-in TCP/IP communication to realize remote network monitoring and management of the inverter power supply. (Optional)
- ◆ This product supports built-in SNMP communication to realize the interconnecting function of the inverter power supply and attain the objective of network monitoring and management. (Optional)

Pure DC Input for main power	Pure DC input, when the dc power off . the DC power inverter shut down to stop working;
DC For main input and AC Bypass input	AC and DC Power input together , the dc power priority and AC for back up , when dc power off , it can switch to ac power in auto
AC For main input and DC Bypass input	AC and DC Power input together , the AC power priority and DC for back up , when AC power off , it can switch to ac power in auto

- High frequency inverter for telecom 1-10KVA
- Industry frequency inverter for telecom 1-50KVA
- Portable use inverter 300w-6000w

Technical Index(VA)		0.5KVA	1KVA	2KVA	3KVA	4KVA	5KVA	6KVA
DC input	Rated input voltage (Vdc)	24VDC/48VDC/110VDC/220VDC						
	Rated input current (A)	Base on input voltage						
	Allowable range of input DC voltage (Vdc)	220VAC/230VAC/115VDC or others						
	Backward noise current	≤10%						
AC by-pass input	Allowable by-pass voltage (Vac)	132V-90V(±10V)						
	Rated input current (A)	Base on input voltage						
	By-pass conversion time (ms)	≤5ms						
	Rated capacity (VA)	500	1K	2K	3K	4K	5K	6K
	Rated output power (W)	400	800	1600	2400	3200	4000	4800
AC output	Inverter output voltage and frequency	110Vac, 50HZ/60HZ						
	Inverter output current (A)	Base on the output capacity						
	Output voltage precision (V)	120±1.5%						
	Output frequency precision (Hz)	50±0.1% Or60±0.1%						
	Waveform	Pure sine wave						
	Total harmonic distortion (THD)	≤3% (linear load)						
	Dynamic response time	5% (load 0←→100%)						
	Power factor (PF)	0.8						
	Overload capacity	100%-120% 60s			121%-150% 10s			
	Inversion efficiency (80% resistive load)	≥85%						
	By-pass conversion time (ms)	≤5ms						
Working environment	Dielectric strength (input and output)	1500Vac, 1 minute						
	Noise (1m)	≤40dB						
	Operating environment temperature	-20℃ ~+50℃						
	Humidity	0~90%, no moisture condensation						
	Operating altitude (m)	≤2000						
Indication	LCD display	Input and output voltage, frequency, output current, temperature, percentage, etc.						
	inverter status	Normal mains, normal inversion, battery under-voltage and output overload						
Mechanical size	Standard rack	Standard rack						
Protection function		Input under-voltage and overvoltage, output overload and short circuit protections, etc.						

> Inverter

Customize range

Regard as the pure sine wave inverter for telecom, we can customize below range 220vac output design

- Input 24vdc, output 220vac, 1-5KVA
- Input 48vdc, output 220vac, 1-6KVA, 8KVA
- Input 110vdc, output 220vac, 1-6KVA, 8KVA
- Input 220vdc, output 220vac, 1-6KVA, 8KVA, 10KVA

120vac output design

- Input 24vdc, output 120vac, 1-5KVA
- Input 48vdc, output 120vac, 1-6KVA
- Input 110vdc, output 120vac, 1-6KVA

All design 19Inch 2U/4U Rack Mount, with LCD+LED Display , with RS232 Communication port, power Factor 0.8



Order List for 120VAC output design

Model	DC Main Input	AC bypass Input	AC Output & Frequency	Capacity	Noted
24VDC To 120VAC (1-5KVA)					
YKDA-HT1000	24VDC	110Vac/220Vac	110vac/ 120vac 50hz 60hz	1KVA	19Inch 2U
YKDA-HT2000				2KVA	482*347*88(mm)
YKDA-HT3000				3KVA	19Inch 2U 482*430*88(mm)
YKDA-HT4000				4KVA	19Inch 4U
YKDA-HT5000				5KVA	482*480*176(mm)
48VDC to 120Vac (1-6KVA)					
YKDA-HT1000	24VDC	110Vac/220Vac	110vac/ 120vac 50hz 60hz	1KVA	19Inch 2U
YKDA-HT2000				2KVA	482*347*88(mm)
YKDA-HT3000				3KVA	19Inch 2U
YKDA-HT4000				4KVA	482*430*88(mm)
YKDA-HT5000				5KVA	19Inch 4U
YKDA-HT6000				6KVA	482*480*176(mm)
110VDC to 120Vac (1-6KVA)					
YKDA-HD1000	24VDC	110Vac/220Vac	110vac/ 120vac 50hz 60hz	1KVA	19Inch 2U
YKDA-HD2000				2KVA	562*492*195(mm)
YKDA-HD3000				3KVA	19Inch 2U
YKDA-HD4000				4KVA	575*562*195(mm)
YKDA-HD5000				5KVA	19Inch 4U
YKDA-HD6000				6KVA	590*570*420(mm)



Order List for 220VAC output design

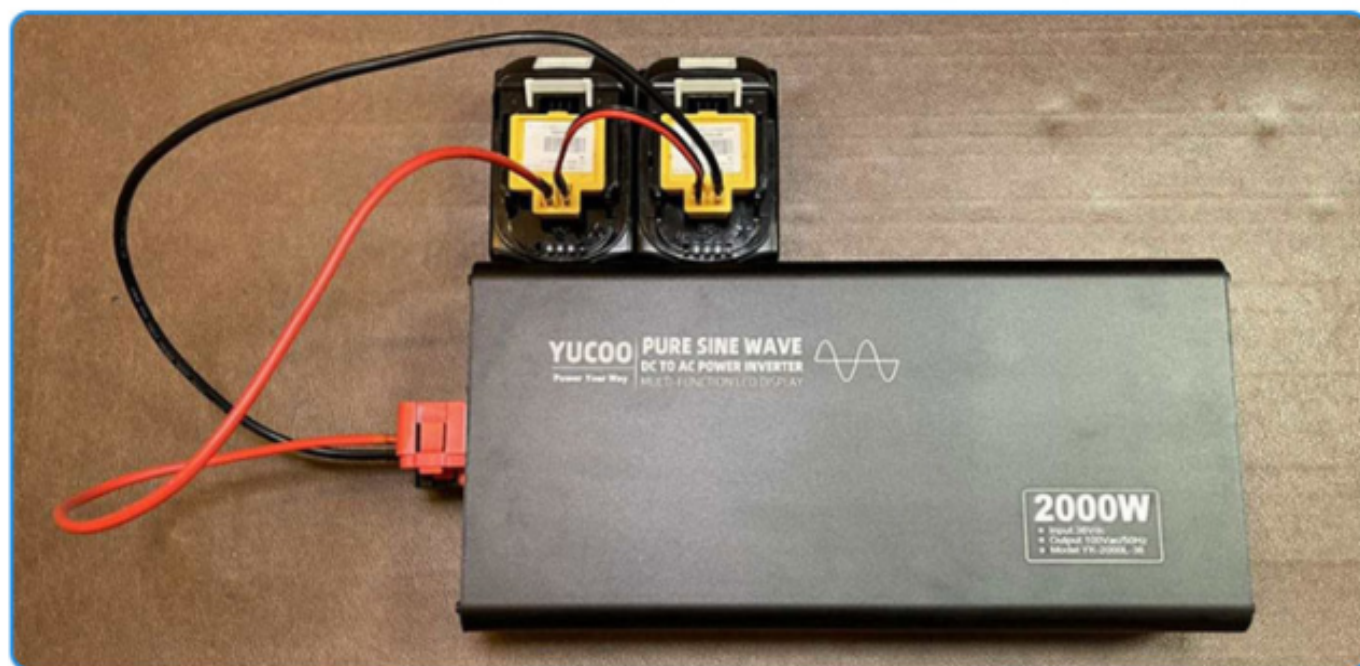
Model	DC Main Input	AC bypass Input	AC Output & Frequency	Capacity	Noted
48VDC to 220VAC 1-8KVA					
YKDA-HT1000	48VDC	AC220V±10%	AC220V 50Hz/60hz	1KVA	2U/19inch 482*347*88(mm)
YKDA-HT2000				2KVA	
YKDA-HT3000				3KVA	
YKDA-HT4000				4KVA	2U/19inch 482*430*88(mm)
YKDA-HT5000				5KVA	
YKDA-HT6000				6KVA	
YKDA-HT8000				8KVA	4U/19inch 482*480*176(mm)
110VDC to 220VAC 1-8KVA					
YKDA-HD1000	110VDC	AC220V±10%	AC220V 50Hz/60hz	1KVA	2U/19inch 482*347*88(mm)
YKDA-HD2000				2KVA	
YKDA-HD3000				3KVA	
YKDA-HD4000				4KVA	2U/19inch 482*430*88(mm)
YKDA-HD5000				5KVA	
YKDA-HD6000				6KVA	
YKDA-HD8000				8KVA	4U/19inch 482*480*176(mm)
220VDC to 220VAC 1-10KVA					
YKDA-HD1000	220VDC	AC220V±10%	AC220V 50Hz/60hz	1KVA	2U/19inch 482*347*88(mm)
YKDA-HD2000				2KVA	
YKDA-HD3000				3KVA	
YKDA-HD4000				4KVA	2U/19inch 482*430*88(mm)
YKDA-HD5000				5KVA	
YKDA-HD6000				6KVA	
YKDA-HD8000				8KVA	4U/19inch 482*480*176(mm)
YKDA-HD10000				10KVA	
24VDC to 220VAC 1-5KVA					
YKDA-HT1000	24VDC	AC220V±10%	AC220V 50Hz/60hz	1KVA	2U/19inch 482*347*88(mm)
YKDA-HT2000				2KVA	
YKDA-HT3000				3KVA	
YKDA-HT4000				4KVA	2U/19inch 482*430*88(mm)
YKDA-HT5000				5KVA	

Pure Sine Wave Power Inverter

Multi-function LCD display

Safe, Reliable, Long life

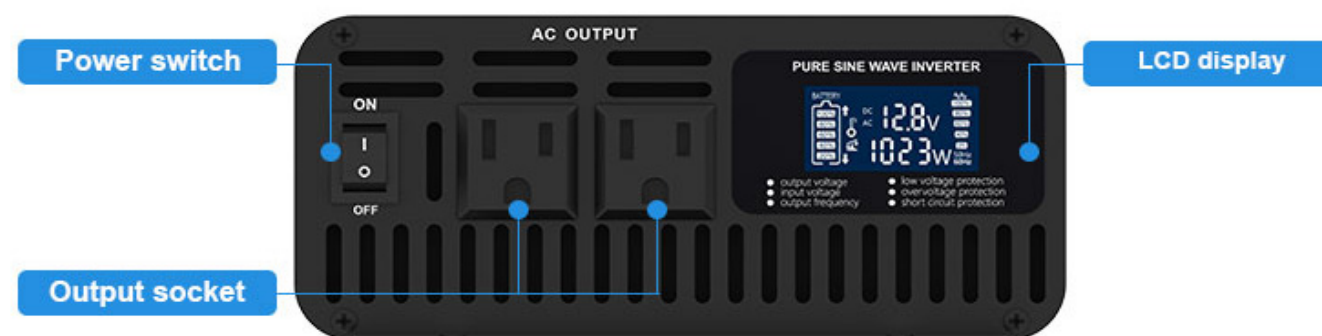
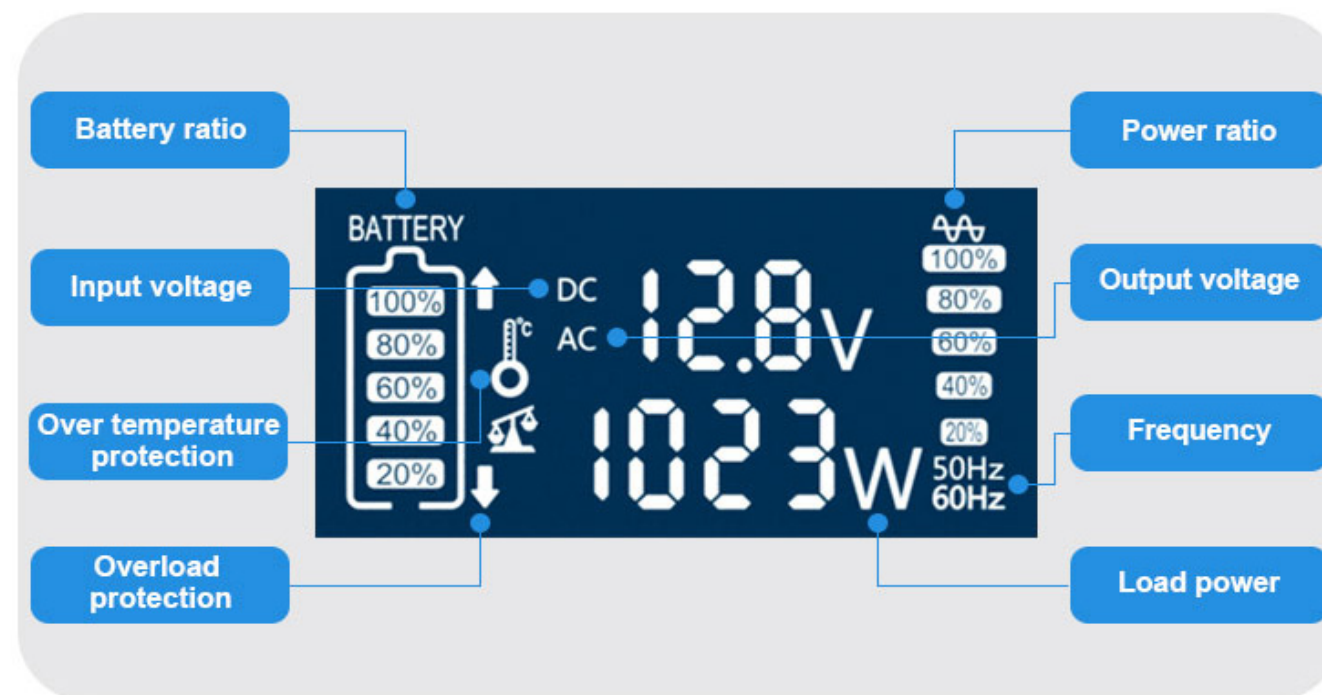
100% full power



PRODUCT FEATURES

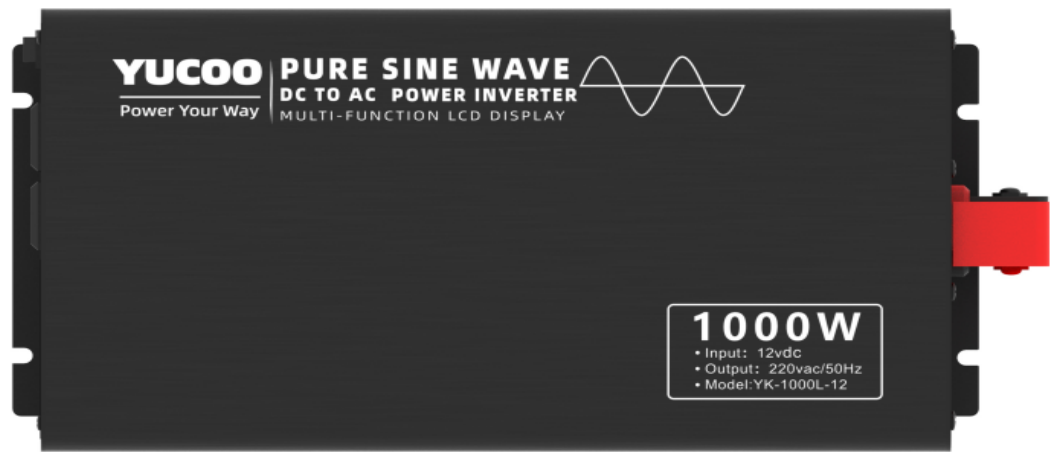
MULTI-FUNCTION LCD DISPLAY

Instantly reveal luxurious



USE OF ELECTRICITY FOR OUTDOOR TRAVEL

Instantly reveal luxurious



Feature and advantage

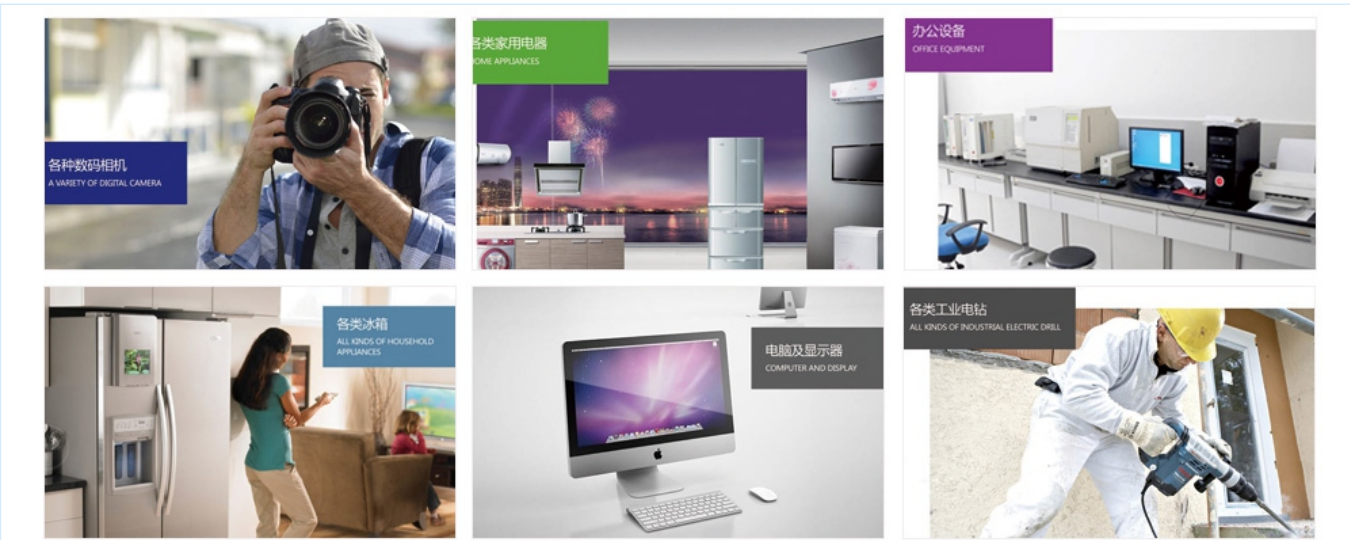
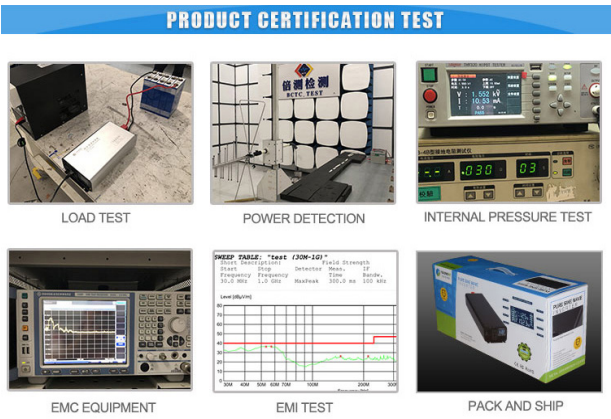
- 1. Efficiency: Up to 95%
- 2. The service life can reach a decade
- 3. Working noise is low and the efficiency is high
- 4. Strong ability of resist concussion
- 5. Good load ability: Inductive and capacitive load
- 6. Protection: Battery Low Alarm/Battery Shut down/Over Voltage/Over Temp/
- 7. Output Short/Input polarity reverse/Overload

Application

- 1. Solar electric energy generation;
- 2. Wind power generation;
- 3. In-car or on-boat devices series
- 4. Communication equipment;
- 5. Industrial control system;
- 6. Small power supply system.

Protection Function

- 1. Low voltage alarm & Shutdown
- 2. Over voltage protection
- 3. Overload protection
- 4. Over temperature protection
- 5. Short circuit protection
- 6. Reverse Polarity protection
- 7. Soft start
- 8. Auto reset after being in protected
- 9. Grounding protection



Inverter

Specification

MODEL		YK-300L	YK-600L	YK-1000L	YK-1500L	YK-2000L	YK-3000L
OUTPUT	Continual Power	300W	600W	1000W	1500W	2000W	3000W
	Surge power	600W	1200W	2000W	3000W	4000W	6000W
	Waveform	Pure sine wave					
	Frequency	50Hz or 60Hz±0.1%					
	AC Regulation	5%					
	AC voltage	100/110/120VAC or 220/230/240VAC					
INPUT	DC Voltage	12V//24V//48V//60V//72Vdc					
	Voltage range	12Vdc(10-15), 24Vdc(20-30), 48Vdc(40-60), 60Vdc(50-75), 72Vdc(60-90)					
	No Load Current Draw	<0.45	<0.65	<0.65	<0.85	<0.88	<0.95
	Efficiency	90%					
	DC Connector	Cables with Clips OR Car Adapter					
PROTECTIN G	Low Voltage	12V(10.0V±0.3),24V(20.0V±0.3),48V(40.0V±0.3),60V(10.0V±0.3),					
	High Voltage	912V(15.0V±0.3),24V(30.0V±0.3),48V(60.0V±0.3),60V(75.0V±0.3),					
	Over Load	Shut Off Output					
	Recovery voltage	12V(13.2V±0.3),24V(25.5V±0.3),48V(51.0V±0.3),60V(65.0V±0.3)					
	Over Thermal	Shut Off Output Automatically					
	Fuses	Short Circuit					
ENVIRONM ENT	Storage Temperature	Between -20℃ and +45℃					
	Working Temperature	Between -10℃ and +40℃					
	Working Humidity	20%~90%RH non-condensing					
OTHERS	Start	Soft start					
	Cooling way	Cooling Fan					
	Total Harmonic Distortion	THD<3%					
	Weight	1.2	2.3	3.5	4.0	4.5	8.0

Adjustable DC Power Supply

Characteristics

- Advanced switching mode power supply technology and components, excellent design, small volume, light weight, high efficiency, which ensures the stability and reliability of long-term full-load operation.
- Constant voltage value and constant current value can be continuously adjustable within the range 0~100%
- Digital display output voltage and output current.
- Temperature control fan, over-temperature automatic protection; output overvoltage, over-current and short-circuit protection; start up delay soft starting can avoid the overshoot voltage when start up.
- Simple operation, convenient use
- Store temperature: (-40 ~ 70)°C, Working temperature: (-20 ~ 50)°C
- Relative humidity: 90% (40±2°C), atmospheric pressure (70-106)kPa

Customize Range & Application

Regards the Variable DC power supply,
We can customize different kind of specification according to your request. Such as

- Such as:
- 1.0-1500V variable or appointed
 - 2.0-2000A variable or appointed

Application

It is widely used in electric power DC screen system, engineering control, communication, scientific research, charge of storage battery, and other equipments.



Adjustable DC Power Supply

Specification

Model	YK-AD**** Series
Output range	0V-Max Voltage & 0A-Max Current Adjustable
Output mode	Constant voltage (or appointed) variable/adjustable Constant current (or appointed) variable/adjustable
AC wide input	1 phase AC110V±15% 50/60Hz 1 phase AC220V±15% 50/60Hz 3 phase AC380V±15% 50/60Hz
Source Voltage Regulation	constant voltage ≤0.2%
Load Regulation	constant voltage ≤1% ; constant current≤2%
Line regulation	constant voltage ≤0.3%
Ripple Voltage	total ripple Vpp≤2% (max voltage)(60V*2%=1.2V) 100Hz Ripple: Vpp≤0.5%(max voltage)(60V*0.5%=0.3V)
Operation Environment temperature	(-10~45)°C
Efficiency	≥89%
Digital meter	voltage meter and current meter
Digital display	Precision of output voltage±1.5% Precision of output current±2.0%
Insulating resistance	Input-Output:≥20MΩ
	Input— Shell:≥20MΩ
	Output-Shell:≥80MΩ
Insulating Strength	Input-Output:AC1500V、10mA、1minute
	Input— Shell:AC1500V、10mA、1minute
	Output-Shell:AC1500V、10mA、1minute
Imbalance of equalized current	≤5% +2.5A
Protection	Temperature control fan, over-temperature automatic protection; output overvoltage, over-current and short-circuit protection; switch-on delay soft starting can avoid the over swung output voltage when switching on.
over-temperature protection	(70~80)°C
MTTF	≥50000h
dimension	/ (According the Output Specification)
Weight	/ (According the Output Specification)
Order Option function	0-5V analog signal interface corresponding to external control voltage and current; 0V / 5V level signal interface control switch (output on / off); 0-5V voltage and current feedback signal interface;

Adjustable DC Power Supply
Shape & Dimension

 K-01 242×68×204	 K-02 230×68×200	 K-03 222×78×176	 K-04 253×68×268
 K-05 340×80×265	 K-06 482×88×270	 K-07 240×68×210	 K-08 300×78×370
 K-09 242×136×305	 K-10 242×204×305	 K-11 483×176×450	 K-12 244×138×310
 K-13 483×88×268	 K-14 255×176×450	 K-15 325×300×510	 K-16 255×176×540
 K-17 256×348×590	 K-18 615×615×725	 K-19 345×1065×735	 K-20 613×852×735
 变频电源	 通信电源	 交流稳压器	 线性电源



Order List

Mode	0-100% Constant Adjustable Output (V/A)	Output Rate Power (W)
YK-AD0360	0-3V, 0-60A	150
YK-AD520	0-5V, 0-20A	150
YK-AD550	0-5V, 0-50A	250
YK-AD580	0-5V, 0-80A	400
YK-AD555	0-5V, 0-55A	275
YK-AD5120	0-5V, 0-120A	600
YK-AD5200	0-5V, 0-200A	1000
YK-AD6200	0-6V, 0-200A	1410
YK-AD8400	0-8V, 0-400A	2800
YK-AD8100	0-8V, 0-100A	800
YK-AD8190	0-8V, 0-190A	1520
YK-AD8190	0-8V, 0-190A	1520
YK-AD1020	0-10V, 0-20A	200
YK-AD1040	0-10V, 0-40A	400
YK-AD1050	0-10V, 0-50A	500
YK-AD10180	0-10V, 0-180A	1800
YK-AD10250	0-10V, 0-250A	2500
YK-AD10300	0-10V, 0-300A	3000
YK-AD1215	0-12V, 0-15A	180
YK-AD1230	0-12V, 0-30A	360
YK-AD1230	0-12V, 0-30A	450
YK-AD122440	0-12/24V, 0-40A	960
YK-AD1250	0-12V, 0-50A	600
YK-AD1280	0-12V, 0-80A	960
YK-AD12100	0-12V, 0-100A	1200
YK-AD12200	0-12V, 0-200A	2400
YK-AD1280	0-12V, 0-80A	960
YK-AD12100	0-12V, 0-100A	1200
YK-AD12300	0-12V, 0-300A	3600
YK-AD12400	0-12V, 0-400A	4800
YK-AD1310	0-13V, 0-10A	130
YK-AD1520	0-15V, 0-20A	300
YK-AD1530	0-15V, 0-30A	450
YK-AD1540	0-15V, 0-40A	600
YK-AD1550	0-15V, 0-50A	750
YK-AD1560	0-15V, 0-60A	900
YK-AD15100	0-15V, 0-100A	1500
YK-AD15120	0-15V, 0-120A	1800
YK-AD15200	0-15V, 0-200A	3000
YK-AD15300	0-15V, 0-300A	4500
YK-AD16300	0-16V, 0-300A	4800
YK-AD18100	0-18V, 0-100A	1800
YK-AD2410	0-24V, 0-10A	240
YK-AD2020	0-20V, 0-20A	400
YK-AD2020	0-20V, 0-20A	400
YK-AD2030	0-20V, 0-30A	600

Adjustable DC Power Supply



Order List

Mode	0-100% Constant Adjustable Output (V/A)	Output Rate Power (W)
YK-AD2040	0-20V, 0-40A	800
YK-AD20150	0-20V, 0-150A	3000
YK-AD20160	0-20V, 0-160A	3000
YK-AD2412	0-24V, 0-12A	288
YK-AD4820	0-48V, 0-20A	960
YK-AD2420	0-24V, 0-20A	480
YK-AD24120	0-24V, 0-120A	2880
YK-AD2440	0-24V, 0-40A	960
YK-AD2450	0-24V, 0-50A	1200
YK-AD2460	0-24V, 0-60A	1440
YK-AD2460	0-24V, 0-60A	1440
YK-AD24130	0-24V, 0-130A	3120
YK-AD24130	0-24V, 0-130A	3120
YK-AD24140	0-24V, 0-140A	3360
YK-AD24150	0-24V, 0-150A	3600
YK-AD2520	0-25V, 0-20A	500
YK-AD2525	0-25V, 0-25A	625
YK-AD2530	0-25V, 0-30A	750
YK-AD25400	0-25V, 0-400A	10000
YK-AD2910	0-29V, 0-10A	290
YK-AD29100	0-29V, 0-100A	2900
YK-AD301.5	0-30V, 0-1.5A	45
YK-AD305	0-30V, 0-5A	150
YK-AD305	0-30V, 0-5A	150
YK-AD304	0-30V, 0-7A	210

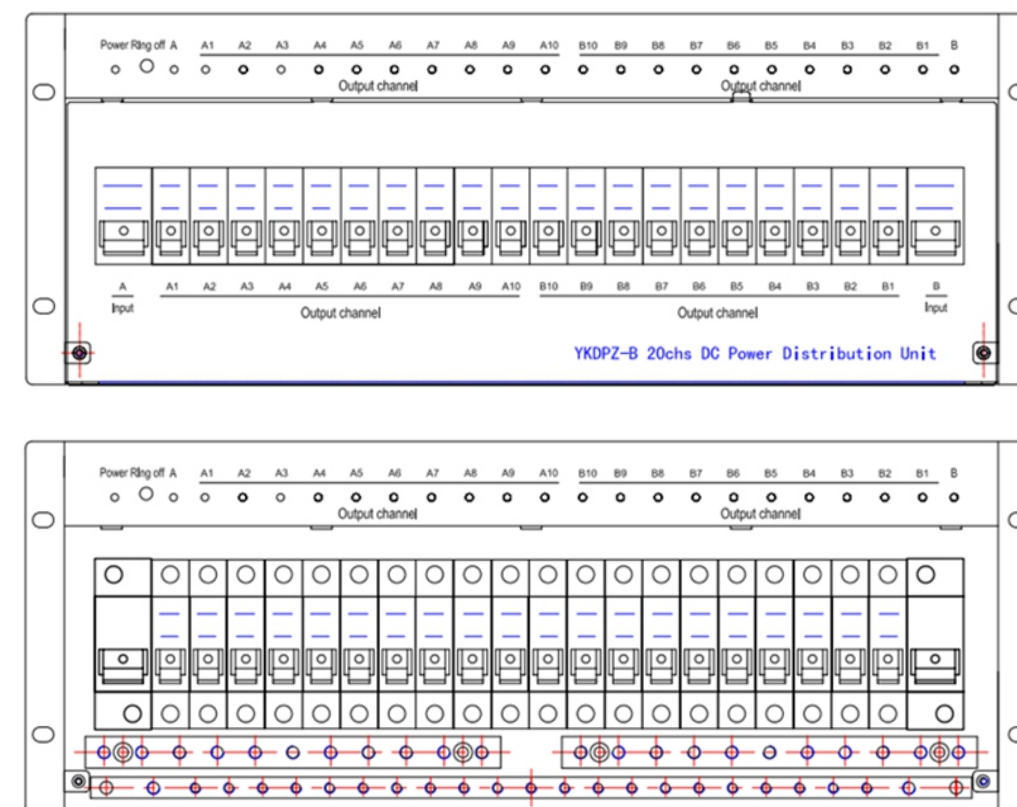
PDU

Information

1. PDU is a DC power distribution system module with 19inch standard structure, small size , easy to install and use.
2. There is A-B 2chs input, multi-channels output (max 18chs). Visual-aural alarm when there is failure. LED display running status
3. PDU has excellent performance and reliable quality.
4. Its widely used in Telecom, BTS, Mobile, Unicom, electric power, army, public security, etc.



Schematic diagram



PDU
Customize

DC Distribution Unit can customize different specification		
Input		
Channel	Voltage (Optional)	Circuit breaker/Air switch
2 channels	-48/24/220/110VDC or -48/24/220/110VAC	10A, 16A, 32A, 63A ,100A,125A/800A
Output		
Channel	Voltage (Optional)	Circuit breaker/Air switch
Can customize 1-36 channels	-48/24/220/110VDC or -48/24/220/110VAC	10A, 16A, 32A, 63A ,100A,125A/800A Optional
Alarming--- With/without alarming function can be option		
Rack Mount--2U-6U can customize		
Regards as PDU/DC Distribution Unit, We can customized all kind of PDU according to your request		

YKDPZ-A Technical specification

Item	YKDPZ-A Technical specification
Rated voltage	-48VDC/24VDC/220VDC/110VDC or -48VAC/24VAC/220VAC/110VAC can be optional
Insulation resistance	≥30MΩ
Insulating intensity	Input—housing: AC1000V、50Hz、1minute Output-housing:AC1000V、50Hz、1minute
Input channels	2 channels DC-48V、10A,16A, 32A, 63A ,100A,125A circuit breaker/air switch can be optional
Output channels	1-8 channels DC-48V、10A,16A, 32A, 63A,100A,125A (optional) output current capacity
Alarm	Visual-aural alarm signal. When there is any channel is failed, Red LED ON and buzzer sounds.
Working environment	Working temperature :0℃~40℃ Related humidity :≤90% (+20±5℃) atmospheric pressure:70Kpa~106Kpa
Dimension	L*D*H(mm) :485 mm *135 mm *80 mm
Weight	3.0Kg
Packing:	510 mm *150 mm *125mm, 3.5kg

PDU



YKDPZ-B Technical specification

Item	YKDPZ-B Technical specification
Rated voltage	-48VDC/24VDC/220VDC/110VDC or -48VAC/24VAC/220VAC/110VAC can be optional
Insulation resistance	≥30MΩ
Insulating intensity	Input—housing: AC1000V、50Hz、1minute Output-housing : AC1000V、50Hz、1minute
Input channels	2 channels DC-48V、10A,16A, 32A, 63A ,100A,125A circuit breaker/air switch can be optional
Output channels	1-16channels DC-48V、10A,16A, 32A, 63A,100A,125A (optional) output current capacity
Alarm	Visual-aural alarm signal. When there is any channel is failed, Red LED ON and buzzer sounds.
Working environment	Working temperature :0℃~40℃ Related humidity :≤90% (+20±5℃) atmospheric pressure:70Kpa~106Kpa
Dimension	L*D*H(mm) :485 mm *175 mm *85 mm
Weight	6.0Kg
Packing:	510 mm *150 mm *125mm, 5.5kg

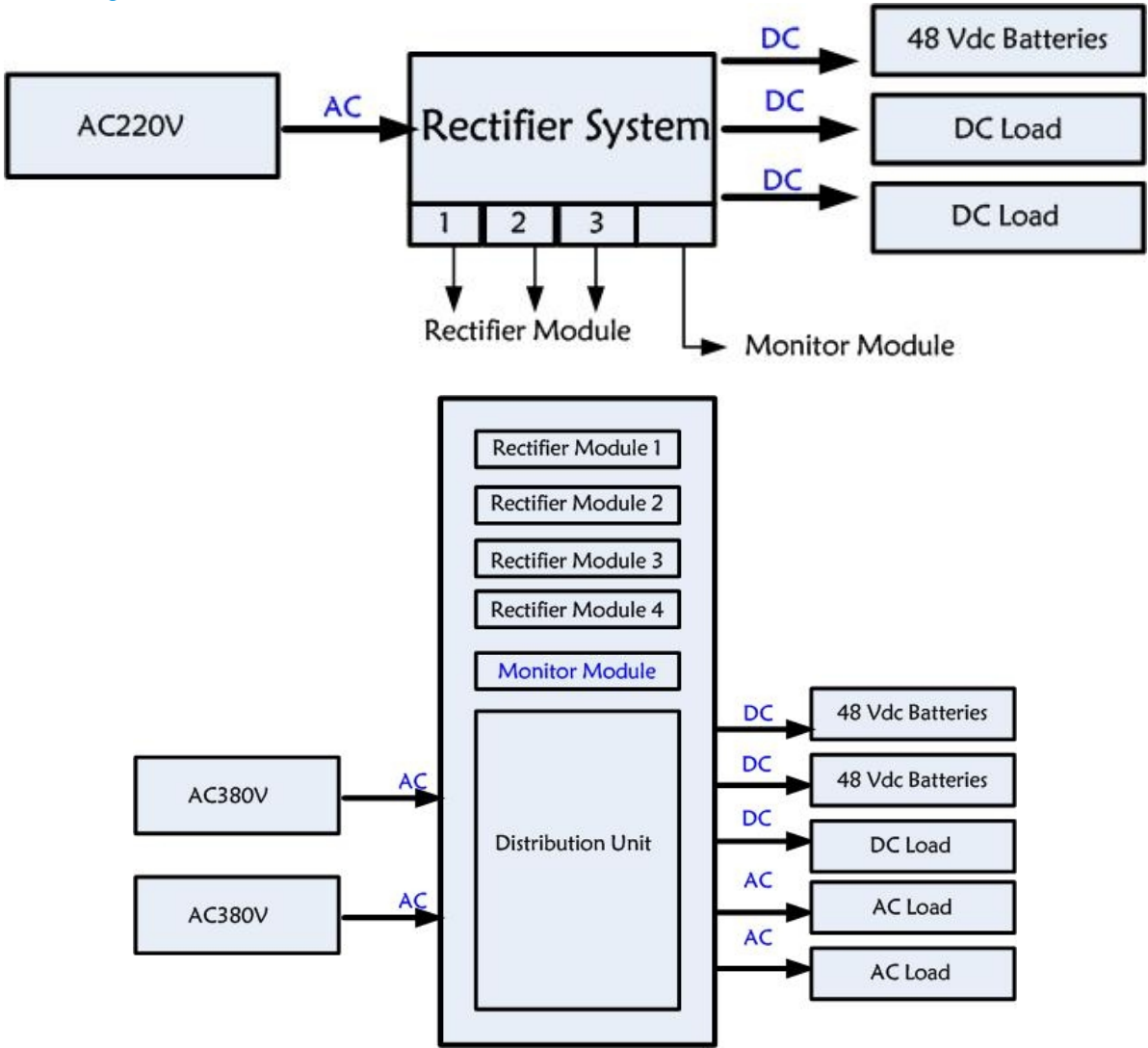


Rectifier System

Order List

Model	Rectifier module	Monitor module	Load channel	Battery channel	Rack
YK-GPE4820	2×10A	1	1 channel	1 channel	1U
YK- GPE4830	2×15A	1	1 channel	1 channel	1U
YK-GPE4840	2×20A	1	1 channel	1 channel	1U
YK-GPE4860	2×30A	1	1 channel	1 channel	1U
YK-GPE4860	2×30A	1	4 channel	1 channel	2U
YK-GPE4890	3×30A	1	4 channel	1 channel	2U
YK-GPE48120	4×30A	1	5 channel	1-2 channel	3U
YK-GPE48150	5×30A	1	5 channel	1-2 channel	3U
YK-GPE48200	4×50A	1	10 channel	1-2 channel	6U

Working schematic-



Main features

- 1. Adoption of active power factor compensation technology with factor >0.98
- 2. Wide operating range of AC input voltage: 90~285Va
- 3. Operating temperature range:-33℃ ~+55℃
- 4. Zero current/voltage switching tech with high efficiency ≥90%
- 5. Perfect battery management, battery temperature compensation, LVLD and LVBD protection, battery capacity test
- 6. Hot-swappable
- 7. Input over/under voltage protection
- 8. Output over voltage protection
- 9. Output over current protection
- 10. Output short circuit protection
- 11. Auto current sharing, parallel operation
- 12. Embedded mounted
- 13. Multiple communication ports, easy for networking and remote management

Application

- Small scale program controlled exchanges
- Access network
- Transmission equipment
- Mobile communication
- Satellite communication ground station
- Microwave communication

Power Distribution unit

- AC Power Distribution: AC input circuit (1-2 channels), AC output circuit (N-channels)
- DC power distribution: Battery output circuit(1-2 channels), the load output circuit (N- channels)
- LLVD: Load low voltage disconnection
- BLVD: Battery low voltage disconnection

Customize range

A Whole Rectifier System is composed of following item			
No.	QTY	Item name	Noted
1	1pc	Rack Mount	1U/2U/3U**11U or cabinet option
2	1pc	Monitor Module	With LCD or without LCD Display option
3	*pc	Rectifier Module	10A/20A/30A/50A option *mean different QTY. for Example 2/3/4/5/6...pc.
4	1pc	DC Distribution	Stand alone DC Distribution or build in the system option

YK-GPE4810 1U Design System

Information

- 1.19inch 1U Rack

2.Perfect battery management function

3.After the operation wiring
- 4.1 channel load output, 1 battery input

5.2 channel dry contact output

6.With voltage and current switch button on the front panel

Specification

AC input voltage range	165VAC-285VAC
DC input voltage range	200DC-400VDC
Maximum input current	4A/2A
Input frequency range	45Hz-66Hz
effectiveness	≥85%
Rated output voltage	48V/24VDC
Rated output voltage range	43V-58V/20-28
Output rated current	0A-10A
Regulation accuracy	≤±0.6
Peak to peak	≤200mV
Dimensions	482.6mm*44*300mm
Weight	≤2KG

YK-GPE48200 6U Design System

Information

- 1.Small size, height 6U, 4 *50A rectifier module

2.The standard 19-inch installation

3.Improve monitoring and management and battery management

4.Provide RS485 communication interface

5.12 channel load output or 10 channel load output, 2 channel battery input

6.Battery anti-reverse function
- 7.Under electrical function

8.Support hot-swappable

9.The energy-saving sleep function

10.The independent design of lightning protection unit (optional)

11.The power supply can be installed in any 19-inch rack independently

12.6- channel dry contact output

Specification

AC input voltage range	90VAC-285VAC
DC input voltage range	100DC-400VDC
Maximum input current	60A
Input frequency range	45Hz-66Hz
Power Factor	≥0.99
effectiveness	≥92%
Rated output voltage	48VDC
Rated output voltage range	43VDC-58VDC
Output rated current	0A-200A
Regulation accuracy	≤±0.6
Peak to peak	≤200mV
Equal current	≤5%
Dimensions	482.6mm*26.4*300mm

Switching DC Power Supply/Rectifier

Information

- YK-AD series High Frequency Switching Power Supply /SMPS is a high efficient, high performance and high reliable telecom power supply. YK-AD series High Frequency Switching Power Supply /SMPS adopts the most advanced PWM technique and reliable circuit topological structure. YK-AD series High Frequency Switching Power Supply/SMPS has many good points, including small volume, light weight, high efficiency, wide working temperature range, strong anti-jamming, wide input range, fast dynamic response, high stability, low noise and ripple, strong protection function etc.
- YK-AD series High Frequency Switching Power Supply/SMPS is apply to Computer Numerical Control Machine Tools, data processing and other equipments; They also can be used as the charge/discharge equipment of battery and automatically protect to battery.

Character

- A. Wide input voltage range

B. DC output voltage adjustable

C. High precision voltage regulation

D. Low output noise ripple

E. Intelligent fan

F. High efficiency, small volume and light weight

G. 19 inch rack mounting and stand-alone available

H. Strong protection function
1. Limiting Output Power Protection

2. Over current and Short-circuit Protection

3. Input Over voltage and Under voltage Protection

4. Output over voltage protection

5. Output limiting current protection

6. Over temperature protection



Order List

Model	Input Voltage	Output Voltage	Output Current	Load Port	Battery Port	Rack Dimension
YK-AD4810	AC220V	DC48V	10A	4chs	/	1U
YK-AD4810A1I	AC220V	DC48V	10A	4chs	1chs	1U
YK-AD4815	AC220V	DC48V	15A	2chs	2chs	2U
YK-AD4820	AC220V	DC48V	20A	2chs	2chs	2U
YK-AD4825	AC220V	DC48V	25A	2chs	2chs	2U
YK-AD4830	AC220V	DC48V	30A	2chs	2chs	2U
YK-AD4850	AC220V	DC48V	50A	1chs	1chs	2U
YK-AD2420	AC220V	DC48V	20A	4chs	/	1U
YK-AD2430	AC220V	DC48V	30A	2chs	2chs	2U
YK-AD2440	AC220V	DC48V	40A	2chs	2chs	2U
YK-AD2450	AC220V	DC48V	50A	2chs	2chs	2U

Switching DC Power Supply/Rectifier

Customize Range

Regard as HF Switching Power Supply / rectifier. we can customize are as following

- 1. Input: 220VAC +/-15%, 50/60HZ
- 2. Output: 48VDC, 10A/15A/20A/25A/30A/50A
- 3. 24VDC, 20A/30A/40A/50A



24VDC Specification

Item	Performance Parameter				Test Condition
Model (YK-AD24** Series)	2420	2430	2440	2450	
Output	24V 20A	24V 30A	24V 40A	24V 50A	
Input Voltage	220V				
Input Voltage Range	176V~280V				Output Full-load
Start up Surge	<12A				Output Full-load
Input Current	8A				Output Full-load
Output Float	27.0V				Factory Settings
Charging Voltage					
Module Equal Charging Voltage	29.0V				Factory Settings
Output Voltage Range	20~29VDC Adjustable				29.5V over voltage protection, need to restart ;if the vertical type, need to shut off input
Output Current	30A				Output Limiting Current (101%-105%)
Power Gird Regulation	±0.1%max				Output zero load to full load
Load Regulation	±0.5%max				Output zero load to full load
Dynamic Response	100usmax				2 20%~100% load
Output Phone Weighted Noise	<2mV				Noise Meter
Output Peak Noise	200mV				0~20MHz
Efficiency	>88%				
Working Frequency	160KHz				
Start up Delay Time	5S				
Hold Time	20mS				
Equalized-current Deviation	<5%				<2A
Temperature Coefficient	0.02%℃				
Working Temperature	-10℃~+45℃				85℃ over temperature protection,can be restore
Storage Temperature	-40℃~+85℃				
Working Humidity	5%~95%RH				Without Condensing
Insulating Strength Leakage Current	<30mA				50Hz2000V/500V/1min
Insulating Resistance	>10MΩ				DC 1000V
Weight	5kg	7.5kg			
Dimension(mm)	235*483*44	Rack Mount Type:483*88*300			(W*H*D)

AC-AC Power Source

Customize range :

- 1phase/3phase input
- 1phase/3phase output
- 50hz, 60hz, 45-70hz, 400hz available.
- With 1-200KVA capacity.

Frequency Converter

Information

Frequency Converter is converter the existing grid power into the desired frequency stable pure sine wave power and the output frequency and voltage is adjustable within a certain range, It is very close to the ideal AC power. Not only can simulate the output voltage and

frequency of the grid in different countries, But also for the export of electrical manufacturers to provide clean, reliable, low-harmonic distortion in the design, development, production, testing and other applications, high voltage and stable frequency sine wave power output.

Application

Frequency Converter is mainly used in the manufacture or export traders to export electricity to detect electrical products, precision instruments used for debugging and power supply.

Frequency Converter is widely used in home appliances manufacturing, electrical, electronics manufacturing, IT industry, computer equipment, laboratories, military aviation units also

Model selection

How to choose the right model of frequency converter YUCOO Manufacture?

- 1.Please check below table and find the different service in different specification
- 2.For 3 phase output , it should be choose YK-BP83 Series
- 3.For 400hz output , should be choose YK-BP88 Series, as YK-BP80 Series and YK-BP81 Series

- 400hz output did not support long time operating
- 4.If the frequency converter should be working in vessel, please let us know before purchase
- 5.If you can not choose the right one, please tell us detail for your application then we can recommend the right model for you

Model	Input voltage	Output voltage	AC Input frequency	AC output Phase voltage	Output frequency	Output capacity	Output adjust type
YK-BP81 Series	1phase/ 3 phase	1 phase	50/60hz	0-150V 0-300V	50/60hz, 45-70hz, 400hz option	0-200kva	Knob type
YK-BP81 Series	1phase/ 3 phase	1 phase	50/60hz	0-150V 0-300V	50/60hz, 45-70hz, 400hz option	0-200kva	Knob type
YK-BP81 Series	1phase/ 3 phase	1 phase	50/60hz	0-150V 0-300V	50/60hz, 45-70hz, 400hz option	0-200kva	Knob type
YK-BP81 Series	1phase/ 3 phase	1 phase	50/60hz	0-150V 0-300V	50/60hz, 45-70hz, 400hz option	0-200kva	Knob type

Frequency Converter



Reference Specification

YK-BP80 Series 1-10KVA

Model (YK-BP)			YK-BP 8001	YK-BP 8002	YK-BP 8003	YK-BP 8005	YK-BP 8006	YK-BP 8010
Output capacity (KVA)			1	2	3	5	6	10
Circuit mode			IGBT/PWM pulse width modulation mode					
AC input			Single-phase 220VAC 50Hz/60Hz					
AC output	Phase		Single-phase					
	Voltage	Low range	0~150V					
		High range	151~300V					
	Frequency		47Hz~70Hz、50Hz、60Hz、400Hz(optional)					
	Max current	Voltage low range	8.4	16.8	25	42	50	84
Voltage high range		4.2	8.4	12.5	21	25	42	
Frequency stability rate			≤±0.1%					
Load voltage stabilizing rate			≤±0.5%					
Waveform distortion degree			≤2%(resistance load)					
Response time			≤2ms					
Indication resolution	Digit frequency		4 digits display, resolution 0.1Hz					
	Digit voltage		4 digits virtual value display, resolution 0.1V					
	Digit current		4 digits virtual value display, resolution 0.01A					
	Digit power		4 digits virtual value display, resolution 1W					
Protection			overvoltage, over current, overload, over temperature and short-circuit, as well as automatic jump protection and alarm device					
Cooling			Forced fan cooling					
Security regulation	Inslation resistance		500VDC/200MΩ					
	Compression resistance insulation		1800VAC/5mA/1min					
Working temperature			0℃~45℃					
Working humidity			Relative 0~90%(non-coagulation state)					
Dimensions (cm)			43*18*44	43018*47	43*85*52			55*74*52
Weight(Kg)			32	37	66	68	80	145

Battery charger
Stable Performance



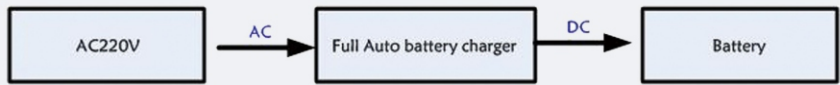
Introduction

- Over discharge, over charge and longtime non full charge to battery will shorten the battery lifespan. So choose a good performance charger is very important.
- YK-CD Series full automatic battery charger uses the advanced non industrial frequency transformer switching power supply technology. It has small volume, low weight and high efficiency. Combining with the intelligent charge technology, it can prolong the lifespan of battery and full charge the battery. Over discharge protection, charging current adjustable, specially suitable for the unattended site.
- Can connect with the battery to keep full charge long time. Suitable for assistant start-up power supply and complementary charge power supply such as car or generator etc.

Battery charger



Working schematic



Charger process

Constant current ---when the battery voltage reach to equal voltage and it will change to constant voltage to charge--- when the current down to 1/5 of charge current and it will change to float voltage to charger – full charger - Trickle float



How to select the right battery charger

- 1. Charge voltage
12V battery (Float voltage 13.5V, Equal voltage : 14.5V, Max: 15V)
24V battery (Float voltage 27V, Equal voltage :29V, Max: 30V)
48V battery (Float voltage 54V, Equal voltage :58V, Max: 60V)
- 2. Charge Current
Use 10% of battery capacity to charge the battery
Example: 100AH Battery . use 10A Battery charger is suitable
- 3. Charge time
Charge time = Bartter capacity / charger current



Order List

Model	Battery voltage	Input Voltage	Charge voltage	Charger current	Dimension
YK-CD122430	12V/24V	Single phase	13.5V/14.5V	4-30A、10 level for 、option	230*65*200
YK-CD122440	12V/24V		27V/29V	5-40A、10 level for 、option	230*65*200
YK-CD1280	12V		13.5V/14.5V	8-80A	253*68*268
YK-CD4820	48V	Single phase	54V/58V	2-20A	253*68*268
YK-CD3050	12V/24V		0-30V	0-50A	253*68*268
YK-CD6025	12V/24V/48V		0-60V	0-25A	253*68*268
YK-AD15010	12V/24V/48V 96V/120V	Single phase	0-150V	0-10A	253*68*268
YK-CD1220	12V		15V	20A	168*100*260
YK-CD2420	24V		30V	20A	180*120*300
YK-CD2430	24V		30V	30A	180*120*300
YK-CD3625	36V		45V	25A	200*175*320
YK-CD4820	48V		60V	20A	180*120*300
YK-CD4830	48V		60V	30A	
YK-CD6010	60V		75V	10A	
YK-CD7225	72V		90V	20A	215*185*360
YK-CD9625	96V		120V	25A	

Battery charger

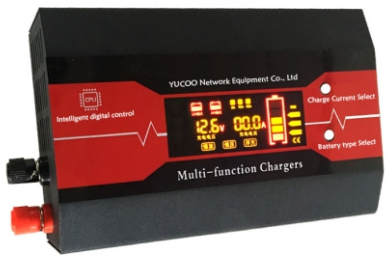
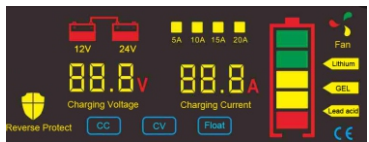
12V 24V Product specification

Item		Performance Parameter
AC/DC compatible input		AC220V±15%, 50/60hz input
Charge current		4A, 6A, 8A, 10A, 13A, 16A, 19A, 22A, 26A, 30A total 10 levels optional
Charge process		Constant current—(constant voltage) equal charge reduce current—(constant voltage) floating charge
Equal voltage		15.5V/31V (unsealed battery), 14.5/29VV (sealed battery); user should give clear indication of it
Floating voltage		13.5V/27V
Battery voltage distinguish		Built-in a 18V valve value, less than 18V valve value, it's 12V battery, more than 31V valve value, it's 24V battery
Environment	Working temperature	(-20~50)℃
	Store temperature	(-40~70)℃
	Related humility	90%(40±2℃)
	atmospheric pressure	(70~106)kPa
Dimension		232 mm *202 mm *70mm
Weight		NW: 3.5kg
Efficiency		≥86%
Power factor		≥0.85
Dielectric strength	Input to shell	≥AC1500V
	Input to output	≥AC1500V
	Output to shell	≥AC500V
MTBF		≥50000h
Over heat shutoff temperature		(75~80)℃



Multi-function 12VDC 24VDC 15A charger Specification –YUCOO
Information

- 1. YK-CD122415 Multi-function charger is widely used in 12v/24v battery, it can identify different kind of batteries in automatically
- 2. YK-CD122415 Multi-function charger Use the advanced pulse width modulation technology with three-stage battery charge in automatic function
- 3. Microcomputer power chip digital pulse restore to improving the battery life greatly.
- 4. With multiple protection.
- 5. Output short circuit protection & Overheating protect & Reverse connecting protection & Over current protection & Full charging automatic shutdown protection
- 6. When the red charge indicator not flash, mean it is turn to trickle float mode and be full charge.
- 7. When the charger is reversing charging, it will alarm; when over-voltage, over current, overheating, the charger will automatic being protected. And it need shut down the charger for 10mins



Application



Forklift



Truck



Electric car



Motorcycles



Car



Battery charger
Specification

Model	YK-CD122415
Input Voltage	
Input voltage	220Vac±15% (187-253VAC) 50Hz 110Vac±15%(94-126Vac) 60hz
Input power factor	91%
Output Voltage	
Output voltage	12V/24VDC
Charging voltage identification range	12V Mode : 9V—14V 24V Mode : 18V—28V
Output voltage ripple	≤2%
Output Current	
Output current	5/10/15A adjustable
Max charging current	12Vdc mode 15A 24Vdc mode 9.5A
Others	
Suitable for	6AH-200AH battery
Efficiency across complete voltage spectrum	90%
Alarming	When battery Positive and negative reverse polarity will Beep alarm
Screen	LCD+LED Smart screen More than 500units , can make customer LOGO on screen
Protection	
Protect function	Output short circuit protection Overheating protect Reverse connecting protection Over current protection Full charging automatic shutdown protection
Shape and Dimension	
Input connection mode	Three feet charging socket
Output connection mode	Terminal
Casing material	Metal shell
Casing color	Black
Product Dimension(L*W*H)mm	210*125*66 mm
Net weight / Gross weight	0.95KG/1.25KG
15unit/carton	535*405*270 MM
Cable	
Input cable length	120cm
Output cable length	65cm*2 (Include clip)
Charging time	