



SCAN QR CODE

AUTOMATIC VOLTAGE REGULATOR | INVERTER | UPS
CONVERTER | SOLAR SYSTEM



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PRODUCT CATALOG

www.scientekpower.com

ABOUT US

COMPANY PROFILE

Power is a fundamental part of our world, Ironically, we don't notice it unless it has problem. Since 2007, KTAC has been dedicated and specializing in research, design, and manufacture of power supply solutions and products against various power supply problems such as power breakouts, fluctuation, power outage, sags, spikes, surges, transient etc. Located in Foshan, the power supply hub of China, KTAC holds three factories with more than 8000 square meters production area, 8 production lines, more than 100 workers, with our facility and a highly professional and motivated team of engineering, manufacturing, quality assurance, materials management and sales personnel, KTAC provide the following products and solutions:

- Power inverter
- Power transformer
- Battery Charger
- UPS power supply
- Solar system
- Line conditioner
- Solar charge controller
- Switching power supply
- Automatic voltage stabiliser



Applications for KTAC products include most electrical home appliances such as washing machine, fridge, freezer, TV, fans, Air conditioner, lighting products, stage power supply, personal computers, servers, data center, office electrical equipments, factory electrical equipments and machineries, marine boats, cars, trucks, commercial centers, hotels, residential lighting, automation control system.

With perseverant concentration in power supply and profound understanding of manufacturing and deep awareness of importance of product quality and reliability, KTAC is confident of our ability to support your requirements by providing the highest quality and reliable products, delivered on time, and at competitive prices. Whether it's an industrial, commercial, residential application, KTAC is uniquely positioned to provide products with engineering innovation, proven quality, and high reliability.

MINI UPS SUPPLY

DC UNINTERRUPTIBLE POWER SUPPLY MINI UPS DC-P SERIES

36W | 10000mAh | POE



36W Power

The DC3637P series has a total output power of 36W for continuous use which makes it very good mini UPS to power either a 12V 2A DC device or 2pcs of 12V 1A device(typically for a modem and a Wifi router).

CPU Controlled

5 advanced CPU or ICs are used in this circuit to control the output of each port with stable voltage output.

Resettable Thermal Protection

Apart from over current and thermal protection by the IC, each output DC port is protected by a resettable thermal fuse.

Uninterruptible Power Supply

When the grid power is available, this mini UPS automatically charge the batteries and delivery power to the connected DC devices, when the grid power fail, It switches to battery power automatically without restarting the devices.

Brand New 26650 Batteries

2pcs of brand new 3.7V 4500mAh(16.65WH) or 5000mAh(18.5WH) power 26650 cylinder type lithium batteries are used inside the mini UPS to ensure long backup time. We don't compromise to use recycled 18650 batteries.

SMT power indicators

SMT Power indicators, showing actual power capacity of the mini UPS.

5V
interface



Cell phone



Webcam



Small Audio

9V
interface



Optical modem



LED lights



Smoke Alarm

12V
interface



Router



Surveillance Camera



Time Attendance Machine

USB
POE
LAN
interface



Ipad



Small home appliances



Exchange board



DC MINI UPS DC-P SERIES

More and more electronics devices are powered by DC power source. when there is a power outage, POE Sensor, router, WIFI, LED Monitor, time recorder, DC cameras stops work and may also lost their data. This series mini UPS(DC UPS) are designed to power.These critical DC appliances during unexpected power outage. This series DC UPS are featured with:

Suitable for the POE SENSOR,router,WIFI ,monitor, time recorder, cameras etc.

Built-in adapter allows wide AC voltage range 85Vac ~265Vac.

Built-in high capacity lithium batteries, provides long backup time to loads.

Power over Ethernet (POE) can transmit the data and power at the same time to simplify wiring.

5V USB output, can provide charging for mobile phone, PSP, PDA, IPOD, MP4....etc.

Intelligent circuit design with over charging, over discharging and short circuit protections.

Model	DC1837	DC3637P
Input	85-270Vac/50-60Hz	
DC Output	USB 5V,2A	USB 5V,2A
	DC 5V,2A	DC 5V,2A
	DC 12V,1.5A	DC 12V,1.5A
	DC 9V or 12V 1.5A select	DC 9V or 12V 1.5A select
		POE 15V/1A
		POE 24V/0.6A
Output	18W total	36W total
Battery capacity	3.7V 8000mAh,9000mAh, 10000mAh	
Back up time	Typical 12V/1A modem +12V1A router: about 3 hours, 12V/1A router: about 6 hours	
Operate temperature	- 10℃ ~ 40℃	
Humidity	10%-90%RH	
Dimension	185*93*36mm	
Net weight	0.38kgs	0.38kgs

Ideally use for





DC UNINTERRUPTIBLE POWER SUPPLY
MINI UPS DC1837S



18W | 5200mAH



Optical modem



Small home appliances



Webcam



Router



Surveillance Camera



Time Attendance Machine

18W Power

The DC1837S series has a total output power of 18W for continuous use which makes it very good mini UPS to power either a 12V 2A DC device or 2pcs of 12V 1A device(typically for a modem and a Wifi router).

CPU Controlled

5 advanced CPU or ICs are used in this circuit to control the output of each port with stable voltage output.

Resettable Thermal Protection

Apart from over current and thermal protection by the IC, each output DC port is protected by a resettable thermal fuse.

Uninterruptible Power Supply

When the grid power is available, this mini UPS automatically charge the batteries and delivery power to the connected DC devices, when the grid power fail, It switches to battery power automatically without restarting the devices.

Brand New 18650 Batteries

2pcs of brand new 3.7V 2600mAH power,18650 cylinder type lithium batteries are used inside the mini UPS to ensure long backup time. We don't compromise to use recycled 18650 batteries.

SMT power indicators

SMT Power indicators, showing actual power capacity of the mini UPS.



DC MINI UPS **DC1837S**

More and more electronics devices are powered by DC power source. when there is a power outage, router, WIFI, LED Monitor, time recorder, DC cameras stops work and may also lost their data. This series mini UPS(DC UPS) are designed to power.These critical DC appliances during unexpected power outage. This series DC UPS are featured with:

Suitable for the POE SENSOR,router,WIFI ,monitor, time recorder, cameras etc.
Built-in high capacity lithium batteries, provides long backup time to loads.
Intelligent circuit design with over charging, over discharging and short circuit protections.

Model	DC1837S
Charger	11.5V~19VDC
Charger Indicator	LED blue
Output	DC 12V,1.5A *2 ports
Output Power	18W total
Surge Power	36W
Battery Capacity	3.7V 5000mAH,5200mAH (selectable)
Back up time	Typical 12V/1A router: about 3 hours
Operate Temperature	- 10℃ ~ 40℃
Humidity	10%-90%RH
Dimension	109*82*29mm
Net Weight	0.18kgs
Color	White/Gray/Black(Selectable)

Ideally use for





DC UNINTERRUPTIBLE POWER SUPPLY MINI UPS DC6032-V80CH



60W Power

The DC 6032 series has a total output power of 60W for continuous use which makes it very good mini UPS to power either a 12V 5A DC device or 12V3A de-vice

CPU Controlled

Sadvanced CPU or ICs are used in this circuit to control the output of each port with stable voltage output.

Resettable Thermal Protection

Apart from over current and thermal protection by the IC, each output DC port is protected by a resettable thermal fuse.

Uninterruptible Power Supply

When the grid power is available, this mini UPS automatically charge the batter-ies and delivery power to the connected DC devices, when the grid power fail, It switches to battery power automatically without restarting the devices.

Brand New 33140 Batteries

3pcs of brand new 3.2V 15000mah power, 33140 cylinder type lithium batteri-es are used inside the mini UPS to ensure long backup time. We don't compro-mise to use recycled 33140 batteries.

Power indicators

Shows real time charge status and battery power capacity.

60W | 60000mAH | POE



14-19V
interface



12V
interface



48V
POE
CCTV



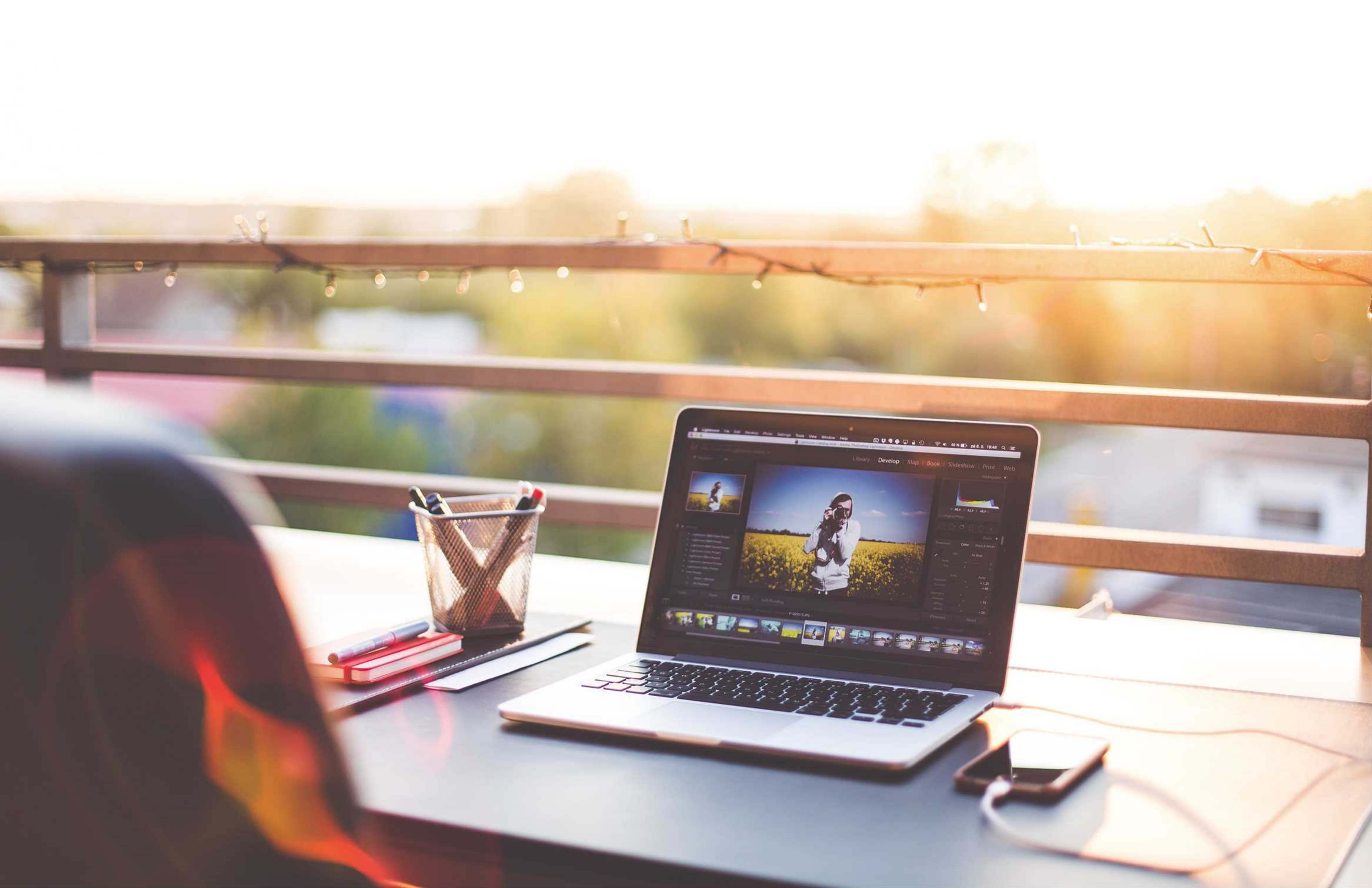
DC MINI UPS DC6032-V80CH

MDiscover the ultimate solution in portable power with our cutting-edge 60W mini UPS. Equipped with an impressive array of features including 5 high-performance 12V charge ports, maximum of delivering up to 60W of power, at a single charge port, with a total power output of 60W and surge power reaching up to 100W. Additionally, it boasts 48V POE charge ports for added versatility. Engineered with a durable 60,000mAH LiFep04 battery pack, this device ensures a dependable backup power source for all your devices. Whether you're a busy professional or a tech enthusiast constantly on the move, this powerhouse is tailored to meet your needs. Stay connected and fully charged at all times, regardless of your location. Experience the convenience and reliability of our 60W mini UPS - your essential companion for uninterrupted power supply wherever you go.

Model	DC6032-V80CH
Input	85-260Vac/50-60Hz
DC Output	DC5525 socket 12V,5A x 1 ports
	DC5521 socket 12V,3A x 3 ports
	DC5525 socket 14-19V,4A(adjustable voltage)
POE Output	48V,0.5A
Output	60W total
Maximum output power	100W
Battery capacity	3.2V 60000mAH LiFeP04 battery pack
Battery capacity indicator	LED
Back up time	Typical 12V/1A modem +12V/1A router: more than 30 hours
Protection	Short circuit, Overload, Overheat.
Operate temperature	- 10°C ~ 40°C
Humidity	10%-90%RH
Dimension	218*168*78mm
Net Weight	2.5kgs
Color	White/Black

Ideally use for





DC MINI UPS **DC6519**

DC6519 is an ideal portable power station for laptop, mini PC, tablet, it has a rated power output of 65W with various charge ports, including 19V,4A 12V5A and PD3.0 65W. makes it a perfect power bank for most 12V,19V,15V and 5V DC electronics. It can be charged by power a 15V power adapter or 12V car cigarette charger or by a18V solar panel. makes it is very convenient to be recharged anytime anyway.



65W | 96WH | PD65W



65W Power

The DC 6519 series has a total output power of 65W for continuous use which makes it very good mini UPS to power various laptop, mini PC, tablet, all in one PC, Camera, router, ONT, CPAP, etc

CPU Controlled

Sadvanced CPU or ICs are used in this circuit to control the output of each port with stable voltage output.

Resettable Thermal Protection

Apart from over current and thermal protection by the IC, each output DC port is protected by a resettable thermal fuse.

Uninterruptible Power Supply

When the grid power is available, this mini UPS automatically charge the batter-ies and delivery power to the connected DC devices, when the grid power fail, It switches to battery power automatically without restarting the devices.

Brand New 26700 Batteries

6 pcs of brand new 3.2V 5000mah power, 26700 cylinder type lithium batter-ies are used inside the mini UPS to ensure long backup time. We don't compro-mise to use recycled batteries.

Power indicators

Shows charge status and battery power capacity level.



Model	DC6519
Input/Charger	Power adapter: 15VDC,4A
	Solar panel: 18V,100W (recommended)
	Cigarette charger: 12Vdc
Input / Charger Port	DC5525 socket
DC Output	Power Delivery 3.0 USB type C 5V/9V/12V/15V/20V 65W max
	USB-A 5V,2A x 1 ports
	DC5521 socket 5V,2A x 1 ports
	DC5525 socket 12V,5A x 1 ports
	DC5525 socket 19V,4A x 1 ports
Rated output Power	65W
Max output Power	100W
Battery capacity	96WH LiFeP04 battery pack
LCD display	Battery voltage, SOC percentage, charger indicator
Protection	Short circuit, Overload, Overheat
Operate temperature	- 10℃ ~ 40℃
Humidity	10%-90%RH
Dimension	170*160*45mm
Net Weight	1.36kgs
Color Option	White/Black/Gray

Ideally use for





DC UNINTERRUPTIBLE POWER SUPPLY
MINI UPS DC12048

Versatile Outputs for Broad Compatibility:

Featuring multiple DC outputs (48V, 24V, 12V) and a built-in 8-port POE network distributor (supports 802.3af/at), with a total output power of 120W. It reliably powers routers, switches, cameras, and various low-voltage devices.

Long-Lasting LiFePO4 Backup:

Equipped with a high-capacity 288Wh LiFePO4 battery pack, offering an extended cycle life and enhanced safety to provide hours of stable backup power.

Smart Monitoring & Triple Protection:

The integrated Coulometer displays real-time current, voltage, capacity, and battery percentage for full status visibility. Comprehensive over-current and short-circuit protection mechanisms ensure maximum safety.

Wide Voltage Adaptability & Robust Build:

Operates seamlessly with input voltages from 100V to 265V, adapting to unstable grid conditions. Its lightweight design (4.1kg) and durable construction make it ideal for homes, businesses, network company, and areas with unstable power.

Uninterruptible Power Supply:

When the grid power is available, this mini UPS automatically charge the batteries and delivery power to the connected DC devices, when the grid power fail,It switches to battery power automatically without restarting the devices.

120W | 288WH | 8 POE



DC MINI UPS DC12048

The DC12048 is an all-in-one power solution combining high-efficiency supply, smart management, and extended backup. With global voltage compatibility (100-265V AC), built-in POE, featuring a 288Wh LiFePO₄ battery for long-lasting backup. It supports wide input voltage, real-time monitoring via Coulometer, and multiple protections, and triple protection (short-circuit/overload/overheat), ensure reliable deployment for homes, businesses, and network company in unstable power environments.

Model	DC12048
Rated Utility Input Voltage	220V 50Hz
Utility Input Range	100V-265V
Built-in Utility Max Charging Power	160W
Maximum ouput power	120W
Network Distributor	8 channels AI POE switch Supports 802.3af. 802.3at
DC1 Output	48V 2.5A Output indicator Green
DC2 Output	24V 5A Output indicator Green
DC3 Output	12V 5A Output indicator Green
DC4 Output	12V 3A Output indicator Green
DC5 Output	12V 3A Output indicator Green
Coulometer	Real time display of battery current coltage capacity percentage
DC Output Indicators	6 Green LEDs
Protection	Short-circuit protection, overload protection, overheating protection, overcurrent protection
Battery Capacity	IFR32140 LiFePO4 / 3.2V / 15Ah x 6 Cells 288Wh
Input Cable	Power cord with plug
Output Cable	DC5525 male-male cables
Operate temperature	- 10℃ ~ 40℃
Humidity	10%-90%RH
Dimension	300*250*60mm
Net weight	4.1kgs

Ideally use for



MINI UPS SUPPLY

DC UNINTERRUPTIBLE POWER SUPPLY MINI UPS DC4032

40W | 20000mAh | POE



40W Power

The total output power of the DC4032 series is 40 watts and it can be used continuously. It is an extremely excellent uninterruptible power supply that can supply power to 5V/2A, 12V/2A, and 9V/2A DC devices, or to two 12V 2A devices (typically for a modem and a Wifi router).

CPU Controlled

Advanced CPU or ICs are used in this circuit to control the output of each port with stable voltage output.

Resettable Thermal Protection

Apart from over current and thermal protection by the IC, each output DC port is protected by a resettable thermal fuse.

Uninterruptible Power Supply

When the grid power is available, this mini UPS automatically charge the batteries and delivery power to the connected DC devices, when the grid power fail, It switches to battery power automatically without restarting the devices.

Brand New 26700 Batteries

4pcs of brand new 3.2V 5000mAh(64WH) power 26700 cylinder type lithium batteries are used inside the mini UPS to ensure long backup time. We don't compromise to use recycled 18650 batteries.

SMT power indicators

SMT Power indicators, showing actual power capacity of the mini UPS.

5V
interface



Cell phone



Webcam



Small Audio

9V
interface



Optical modem



LED lights



Smoke Alarm

12V
interface



Router



Surveillance Camera



Time Attendance Machine

USB
POE
LAN
interface



Ipad



Small home appliances



Exchange board



More and more electronics devices are powered by DC power source. when there is a power outage, POE Sensor, router, WIFI, LED Monitor, time recorder, DC cameras stops work and may also lost their data. This series mini UPS(DC UPS) are designed to power.These critical DC appliances during unexpected power outage. providing strong battery life. It also has comprehensive protection functions, including short circuit, overload, overheat, overcharge, and over-current protection, ensuring the safety of your devices and itself.

Model	DC4032	
Input	85-265Vac,50/60Hz	
DC Output	DC5521 5V,2A (red indicator)	
	DC5521 12V,2A (green indicator)	
	DC5521 12V,2A (green indicator)	
	DC5521 9V,2A (blue indicator)	
	USB-A 5V,2A (Red indicator)	
	USB type C PD3.0 DC 5V,3A DC9V,2.7A DC12V,2.08A , Maximum 25W	
POE Output	24V,1.5A 48V,0.7A Selectable	
Communication	RS485 (Charge status, battery capacity level and low battery alarm)	
Maximum total output power	40W	
Battery capacity	64WH LiFeP04 battery pack(3.2V ,20000mAh)	
Power indicators	60W total	
Power indicators	AC power/ Charge	Red LED
	25% battery capacity	Green
	50% battery capacity	Green
	75% battery capacity	Green
	95% battery capacity	Green
	Full charge indicator	Blue
Charger	14.2V/2.8A	
Protection	Short circuit, Overload, Overheat, Over charge,Over current protection	
Operate temperature	- 10℃ ~ 40℃	
Humidity	10%-90%RH	
Dimension(estimated)	205*130*35mm	
Net weight	1.9kgs	
Color Option	Black	

Ideally use for



DC MINI UPS DC4032



DC MINI UPS **DC3624**

The DC3624 UPS features global voltage input (85-270Vac), multi-channel DC outputs (5V/12V/24V, 36W total), a 10000mAh battery, and smart monitoring via RS485. Its lightweight metal design (0.62kg) ensures reliable backup power for home/office networks, security systems, medical devices, and outdoor mobile applications.

36W Power

- 85-270Vac/50-60Hz input, adaptable to worldwide power standards.
- Supports 5V/2A, 12V/1A, and dual 24V/1.5A outputs with 36W total power, ideal for multi-device charging.
- Backup power for enterprise/home networks (routers, switches, IP cameras).
- RS485 interface enables real-time communication of charging status, battery level, and low-battery alerts for remote management.

Extended Backup & Intelligent Management

- Built-in 3.7V 10000mAh high-capacity battery for extended runtime.
- Real-time display for battery status, voltage, and charging progress with smart power management.

Robust Safety & Environmental Adaptability

- Triple protection (short-circuit/overload/overheat) ensures safety.
- Metal enclosure with wide operating range(-10°C~40°C) and humidity (10%-90% RH).

Uninterruptible Power Supply

When the grid power is available, this mini UPS automatically charge the batter-ies and delivery power to the connected DC devices, when the grid power fail, It switches to battery power automatically without restarting the devices.

Portable & Compact

- Lightweight (0.62kg) and compact (172×103×33mm) for easy deployment.

Power indicators

LED indicators for charger status, battery level, and charging progress, ensuring user-friendly operation.

36W | 37WH | RS485



Model	DC3624
Input	85-270Vac/50-60Hz
DC Output	DC 5V,2A
	DC 12V,1A
	DC 24V 1.5A
	DC 24V 1.5A
Output	36W total
Battery capacity	3.7V 10000mAH
Display	Indicators for charger, Battery capacity level and charge status.
Communication	RS485 (Charge status, battery capacity level and low battery alarm)
Alarm	Low battery(beep)
Product enclosure	Metal
Operate temperature	- 10℃ ~ 40℃
Humidity	10%-90%RH
Dimension	172*103*33mm
Net weight	0.62kgs

Ideally use for





WALL MOUNT UPS
EP-D SERIES



This smart online wall mount UPS is an electrical apparatus that provides emergency power to a load when the input power source or mains power fails. It is specially designed for automatic rolling doors, auto doors and various automatic motors. It is featured with compact size and remote controlling switch ON/OFF, making it an ideal power guard for garage and business shops.

- Remote controlled switching ON/OFF, automatic sleeping mode makes it super energy saving.
- Smart online, Advanced MCU control optimizes high efficiency and reliability.
- Power rating 500W and 1000W, capable to load 500kgs and 1000kgs motors
- Pure sine wave form output, high efficiency up to 95%.
- Built in automatic charger and batteries, able to power a rolling door up to 20 times after one charge.

Model	EPS-6D	EPS-12D
Power capacity	600VA/500W	1200VA/1000W
Input		
Input voltage	110VAC/120VAC/220VAC/230VAC	
Input voltage range	65~135VAC OR 145~275VAC	
Input frequency	50Hz or 60Hz(auto sensing)	
Input connector	Power plug	
Output		
Output voltage	110/120VAC or 220/230VAC	
Output voltage precision	±2%	
Output frequency range	50Hz or 60Hz±5%	
Transfer time	Typical 2-4ms	
Waveform(battery mode)	pure sine wave	
Corrent crest ratio	3:1(max)	
Harmonic distortion	≤3%THD(linear load),≤6%THD(non linear load)	
Motor application	<500kgs motor	<1000kgs motor
Battery		
Battery type x qty	12V/7AH*2	12V/7AH*4
Charge current	1.5A~2A	
Typical recharge time	3 hours recover to 90% capacity	
Protection		
Full protection	Automatic detection, discharge, short circuit and overload protection	
Overload capability	Overload 100%~130%: Shutdown after 60s; Overload above130%: Shutdown after 300ms	
Display & Indicators		
Status display	LED indicators: Normal, Backup, Charge	
Remote controller	Wireless remote controller, operation range: 80 meters	
Physical		
Operation temperature	-15℃~55℃	
Operation humidity	Relative humiditiy 20~90%, Non condensing	
Noise	≤40dB	
Net Weight	8.5kgs	13.5kgs
Dimensions(LXWXH)	308*226*96mm	308*255*120mm



Garage



Bank



House



Shops



Factory



Main Door

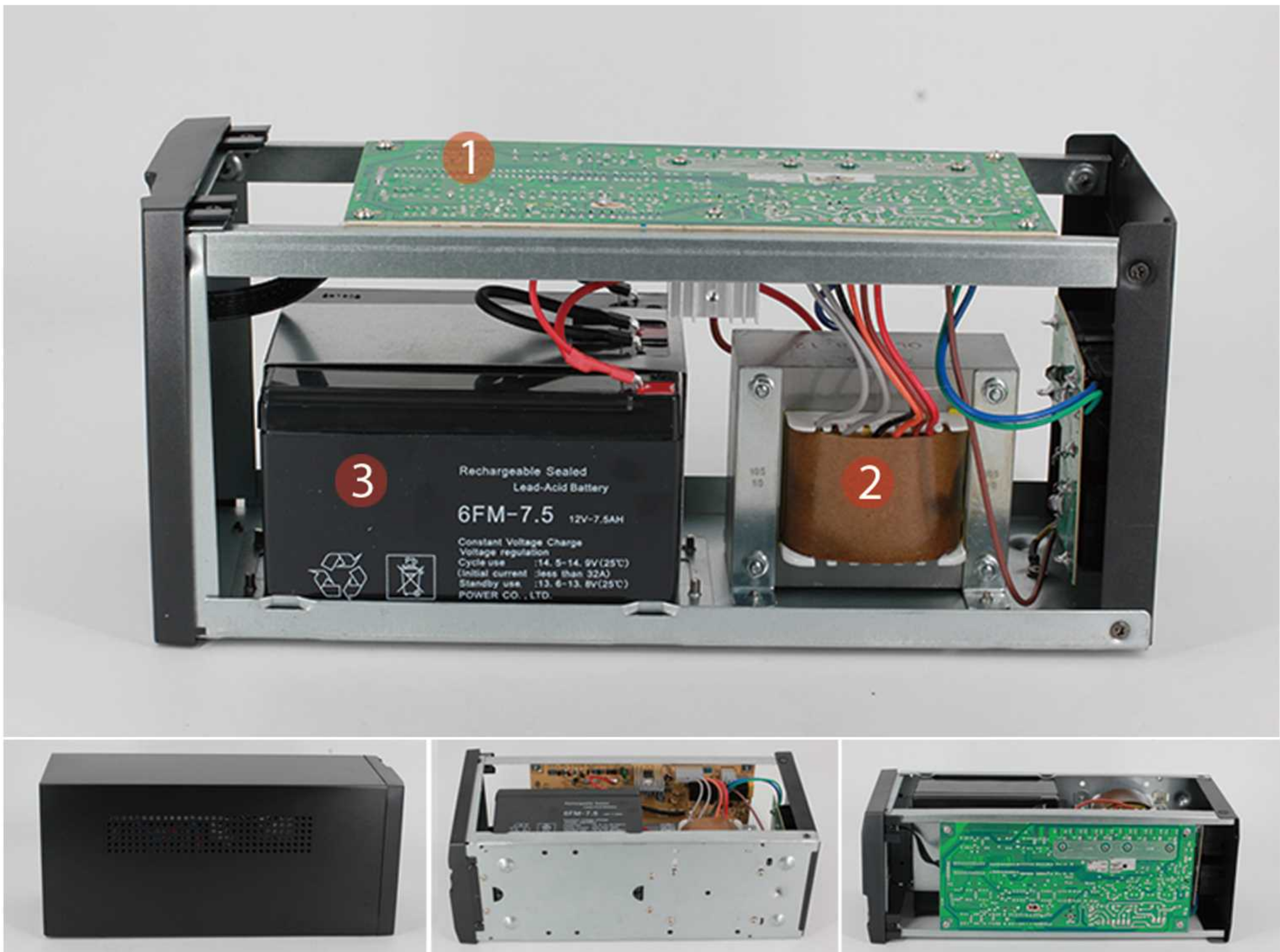
Ideally use for



WALL MOUNT UPS EP-D SERIES



OFF LINE UPS
AK SERIES



- 1 The CPU controlled integrated power board.
- 2 The EI laminated power transformer, made of brand new silicon steel and high quality winding, guarantees the high efficiency and robust power capability.
- 3 The built in maintenance free valve regulated lead acid battery.Battery numbers and capacity are vary from one model to another, confirm with sales person for details or refer to the specifications on the catalog page.



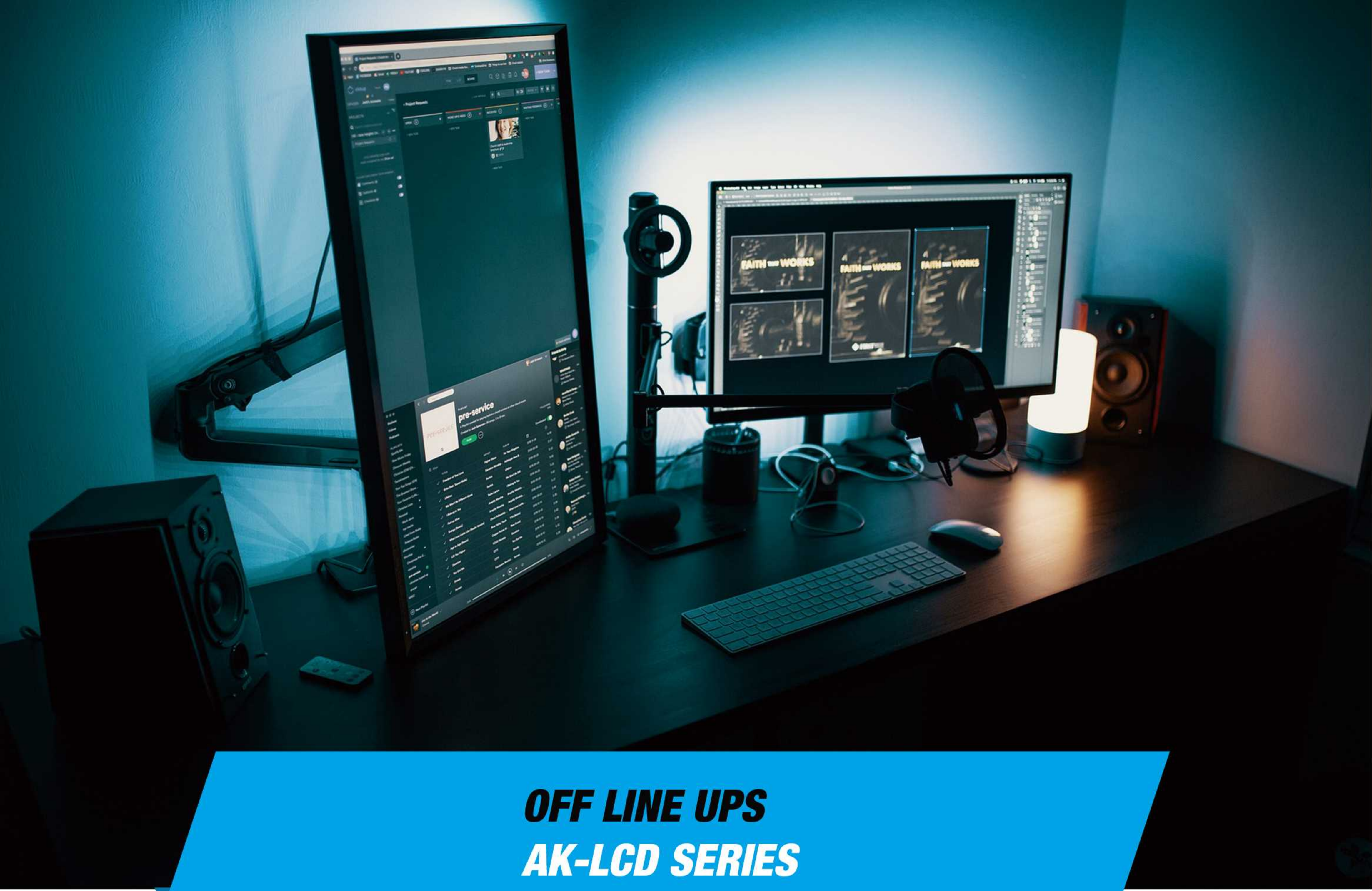
OFF LINE UPS AK SERIES

This UPS is an electrical apparatus that provides emergency power to a load when the input power source or mains power fails. it differs from an inverter or generator in that it will provide near-instantaneous protection from input power interruptions. these UPS are ideally used to protect hardware such as computers, data centers, telecommunication equipment or other electrical equipment where an unexpected power disruption could cause injuries, fatalities, serious business disruption or data loss.

- Advanced CPU controlled integrated guarantees maximum efficiency and reliability.
- Built in automatic voltage boost and buck regulation.
- Power range 500VA~3000VA, simulated sine wave form output.
- Built in lead acid batteries.
- Optional power management software.

MODEL	AK-500	AK-650	AK-800	AK-1000	AK-1500	AK-2000	AK-2000	AK-3000
Power capacity	500VA/240W	650VA/390W	800VA/480W	1000VA/600W	1500VA/900W	2000VA/1200W	2000VA/1200W	3000VA/1800W
Input								
Input voltage range	110VAC/120VAC/220VAC/230VAC							
Input voltage range	81-145VAC or 145-275VAC							
Input Frequency	50Hz or 60Hz (auto-sensing)							
Input connector	Power plug							
Output								
Output voltage	110/120VAC or 220/230/240VAC							
Output voltage precision	±10%							
Output frequency range	50Hz or 60Hz ±10%							
Transfer time	Typical 6-10ms							
Waveform(battery mode)	Simulated sine wave							
Battery								
Battery type x qty	12V/4AH*1	12V/7AH*1	12V/9AH*1	12V/7AH*2	12V/9AH*2	12V/9AH*2	12V/7AH*4	12V/9AH*4
Typical recharge time	8 hours recover to 90% capacity							
Protection								
Full protection	Automatic detection, Short circuit, overload,low battery voltage, overload protection							
Alarm	Battery mode(beep every 4s),Overload(beep twice every second) ,Fault(continuous beep)							
Display & Indicators								
Indicators	Line mode(Green LED),Charge mode(Yellow LED), Battery mode(Red LED)							
Power management	optional RS232,RJ45,USB communication port, UPSilon management CD							
Physical								
Operation Temperature	0-40 °C							
Operation Humidity	Relative humiditiy 0-90%,Non condensing							
Noise	≤40dB							
Net Weight	4kgs	5kgs	6.2kgs	9kgs	12kgs	17kgs	18kgs	24kgs
Dimensions(LXWXH)	307*90*137mm	307*90*137mm	320*100*150mm	365*138*165mm	365*138*165mm	390*145*210mm	390*145*210mm	360*190*325mm

Ideally use for



OFF LINE UPS
AK-LCD SERIES



OFF LINE UPS AK-LCD SERIES

This UPS is an electrical apparatus that provides emergency power to a load when the input power source or mains power fails. It differs from an inverter or generator in that it will provide near-instantaneous protection from input power interruptions. These UPS are ideally used to protect hardware such as computers, data centers, telecommunication equipment or other electrical equipment where an unexpected power disruption could cause injuries, fatalities, serious business disruption or data loss.

- Advanced CPU controlled integrated guarantees maximum efficiency and reliability.
- Built in automatic voltage boost and buck regulation.
- Power range 500VA~3000VA, simulated sine wave form output.
- Built in lead acid batteries.
- Optional power management software.



- 1 The CPU controlled integrated power board.
- 2 The EI laminated power transformer, made of brand new silicon steel and high quality winding, guarantees the high efficiency and robust power capability.
- 3 The built in maintenance free valve regulated lead acid battery. Battery numbers and capacity are vary from one model to another, confirm with sales person for details or refer to the specifications on the catalog page.

Model	UPS-650AK LCD	UPS-800AK LCD	UPS-1000AK LCD	UPS-1500AK LCD	UPS-2000AK LCD	UPS-3000AK LCD
Power capacity	650VA/360W	800VA/480W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W
Input						
Input voltage	110VAC/120VAC/220VAC/230VAC					
Input voltage range	67V-137VAC OR 175-265VAC					
Input Frequency	50Hz or 60Hz (auto-sensing)					
Input connector	Power plug					
Output						
Output voltage	110/120VAC or 220/230/240VAC					
Output voltage precision	±10%					
Output frequency range	50Hz or 60Hz ±10%					
Transfer time	Typical 6-10ms					
Waveform(battery mode)	Simulated sine wave					
Battery						
Battery type x qty	12V/7AH*1	12V/9AH*1	12V/7AH*2	12V/9AH*2	12V/7AH*4	12V/9AH*4
Typical recharge time	8 hours recover to 90% capacity					
Protection						
Full protection	Automatic detection, discharge,short circuit and overload protection					
Alarm	Battery mode(beep every 4s),Low battery/ Overload(beep every second) ,Fault(continuous beep)					
Display & Indicators						
LCD display	AC mode, battery mode, load level, battery level, input voltage, output voltage, overload, low battery					
Power management	optional RS232,RJ45,USB communication port, UPSilon management CD					
Physical						
Operation Temperature	0-40 ℃					
Operation Humidity	Relative humiditiy 0-90%,Non condensing					
Noise	≤40dB					
Net Weight	5.8kgs	6.2kgs	10kgs	11kgs	13.5kgs	17.5kgs
Dimensions(LXWXH)	320*90*140mm	320*100*150mm	365*138*165mm	365*138*165mm	390*145*210mm	360*190*210mm

Ideally use for





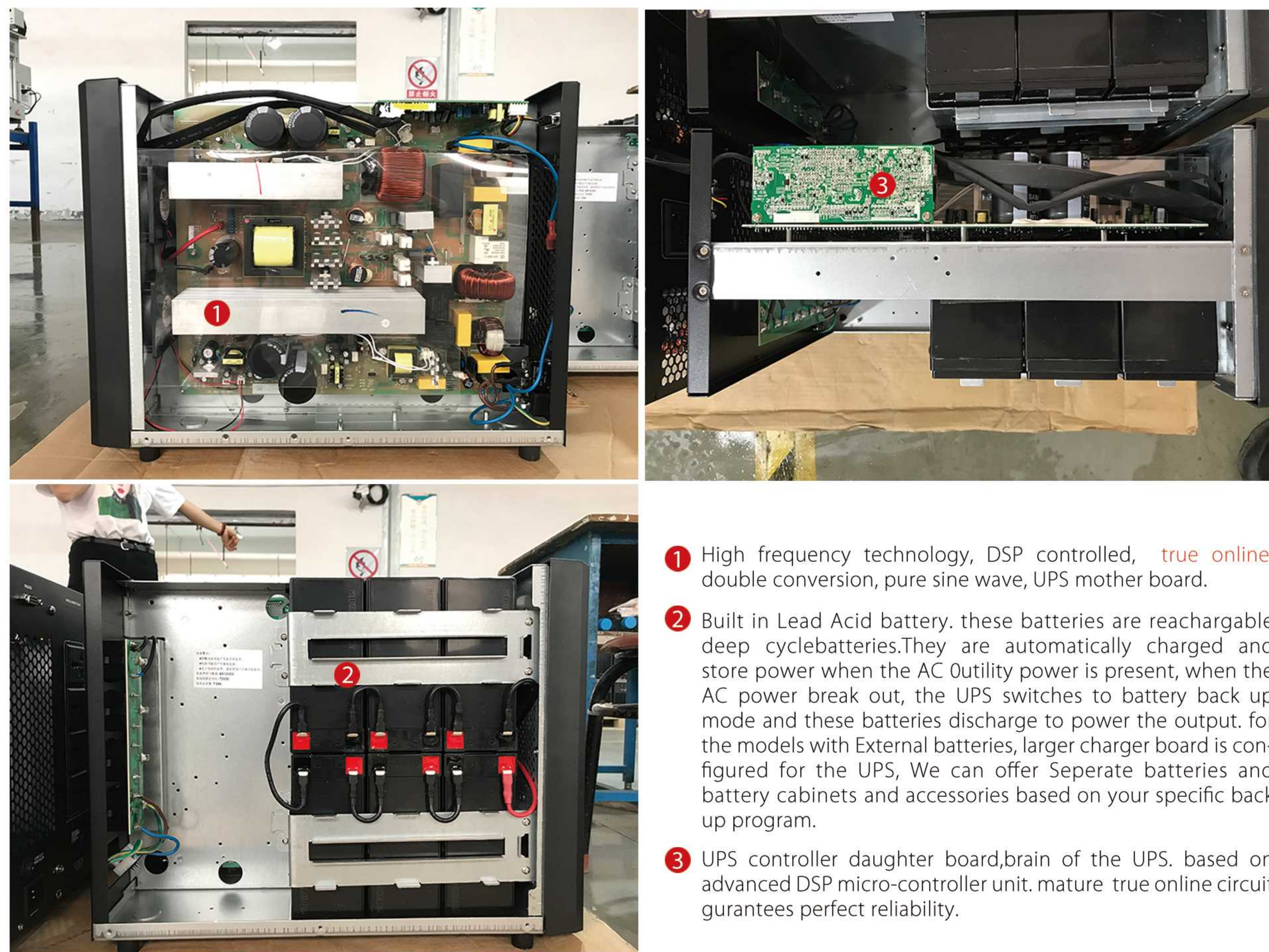
ONLINE UPS
CQ SERIES



ONLINE UPS CQ SERIES

This UPS is an electrical apparatus that provides emergency power to a load when the input power source or mains power fails. It differs from an inverter or generator in that it will provide instantaneous protection from input power interruptions. These UPS are ideally used to protect hardware such as servers, data centers, telecommunication equipment or other electrical equipment where an unexpected power disruption could cause injuries, fatalities, serious business disruption or data loss.

- True online double conversion technology guarantee zero transfer time.
- Advanced MCU control optimizes high efficiency and reliability.
- Power range 1000VA~10KVA, pure sine wave form output.
- Built in lead acid batteries. / Long back up time version
- Power management software.



- 1 High frequency technology, DSP controlled, true online, double conversion, pure sine wave, UPS mother board.
- 2 Built in Lead Acid battery. these batteries are rechargeable deep cycle batteries. They are automatically charged and store power when the AC Utility power is present, when the AC power breaks out, the UPS switches to battery back up mode and these batteries discharge to power the output. For the models with External batteries, larger charger board is configured for the UPS. We can offer separate batteries and battery cabinets and accessories based on your specific back up program.
- 3 UPS controller daughter board, brain of the UPS. based on advanced DSP micro-controller unit. mature true online circuit guarantees perfect reliability.

MODEL	CQ1K	CQ1KS	CQ2K	CQ2KS	CQ3K	CQ3KS	CQ6K	CQ6KS	CQ10K	CQ10KS
Capacity	1000VA/900W	1000VA/900W	2000VA/1800W	2000VA/1800W	3000VA/2700W	3000VA/2700W	6000VA/5400W	6000VA/5400W	10000VA/9000W	10000VA/9000W
AC input										
Nominal Voltage	Single phase 100/110/115/120/127VAC Or 200/208/220/230/240VAC						Single phase 208/220/230/240VAC			
Input Voltage Range	55-150VAC or 110-300VAC(based on load at 50%) 85-140VAC or 160-280VAC(based on load at 100%)						110-300VAC(based on load at 50%) 176-300VAC(based on load at 100%)			
Frequency Range	40 Hz ~70 Hz						46 Hz ~54 Hz or 56 Hz~64 Hz			
Power Factor	≥0.99 at Nominal Voltage at 100% load									
AC output										
Output Voltage	Single phase 100/110/115/120/127VAC Or 200/208/220/230/240VAC						Single phase 208/220/230/240VAC			
Voltage Regulation	±1%									
Frequency Range(Synchronized)	47 Hz ~53 Hz or 57 Hz~63 Hz						46 Hz ~54 Hz or 56 Hz~64 Hz			
Frequency Range(Batt.Mode)	50Hz±0.25Hz or 60Hz±0.3Hz						50Hz or 60Hz±0.1Hz			
Current Crest Ratio	3:1									
Harmonic Distortion	≤3%THD(linear load),≤6%THD(non linear load)						≤3%THD(linear load),≤5%THD(non linear load)			
Transfer Time	AC mode to Batt. mode:Zero; Inverter to Bypass:4 ms(Typical)						Zero			
Waveform	Pure Sine Wave									
AC Mode Efficiency	0.88		0.88		0.9		92%		0.93	
Battery Mode Efficiency	0.83		0.87		0.88		0.9		0.91	
Battery & Charger										
Battery Type	12V/9AH	12V	12V/9AH	12V	12V/9AH	12V	12V9Ah	12V	12V9Ah	12V
DC Voltage	24VDC	36VDC	48VDC	72VDC	72VDC	96VDC	192VDC	192VDC	192VDC	192VDC
Numbers	2	3	4	6	6	8	16	20	16	20
Charging Current(Max.)	1A	1A/2A/4/6A	1A	1A/2A/4/6A	1A	1A/2A/4/6A	1A/2A	1A/2A/4/6A	1A/2A	1A/2A/4/6A
Charging Voltage	27.4VDC±1%	41.0VDC±1%	54.7VDC±1%	82.1VDC±1%	82.0VDC±1%	109.4VDC±1%	218.4V±1%	273V±1%	218.4V±1%	273V±1%
Protection										
Alarm Buzzer	Battery mode: beep every 4 seconds, Low battery: beep every second , Overload protection: beep twiCQ every second, Fault: Continous beeping									
Other Protection Features	Short circuit protection, Over charge protection, Over heat protection, Over battery voltage protection, under battery voltage protection									
Physical										
LCD Display	Load level, Battery level, AC mode, Bypass mode, Fault indicators.									
Dimension,LxWxH(mm)	282*145*220	282*145*220	397*145*220	397*145*220	421*190*318	397*145*220	369*190*688	369*190*318	442*190*688	442*190*318
Net Weight	9.8kgs	4.1kgs	17kgs	6.8kgs	27.6kgs	7.4kgs	61kgs	12kgs	66kgs	16kgs
Environment										
Humidity(non-condensing)	20-90%RH@0-40°C						0-95%RH@0-50°C		0-95%RH@0-40°C	
Noise Level	Less than 50dBA@1 Meter						Less than 55dBA@1 Meter		Less than 58dBA@1 Meter	
Power Management										
Smart RS-232/USB	Support Windows 2000/2003/XP/Vista/2008,Windows7/8,Linux,Unix, and MAC									
Optional SNMP	Power management from SNMP manager and web browser									

Ideally use for



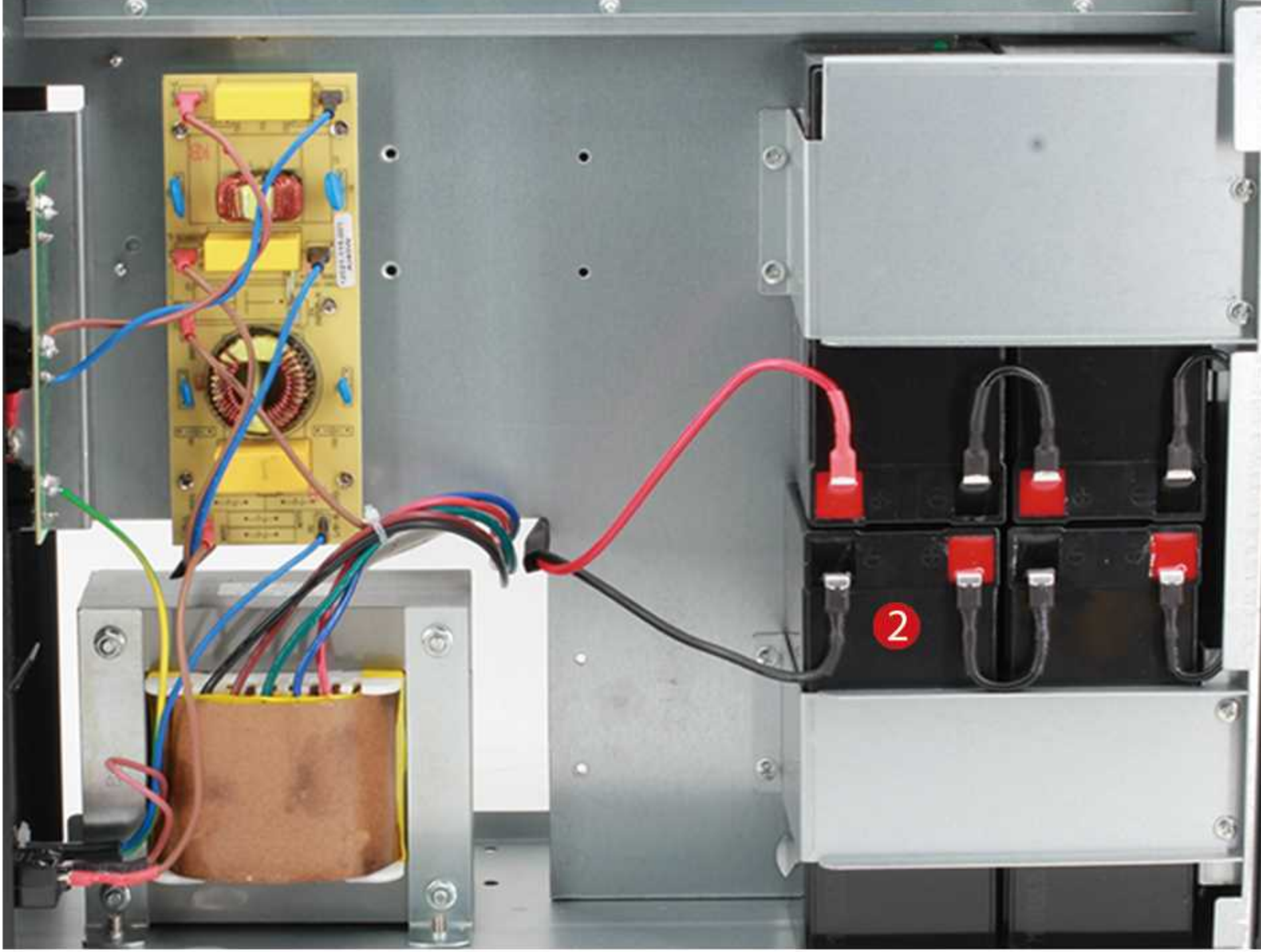
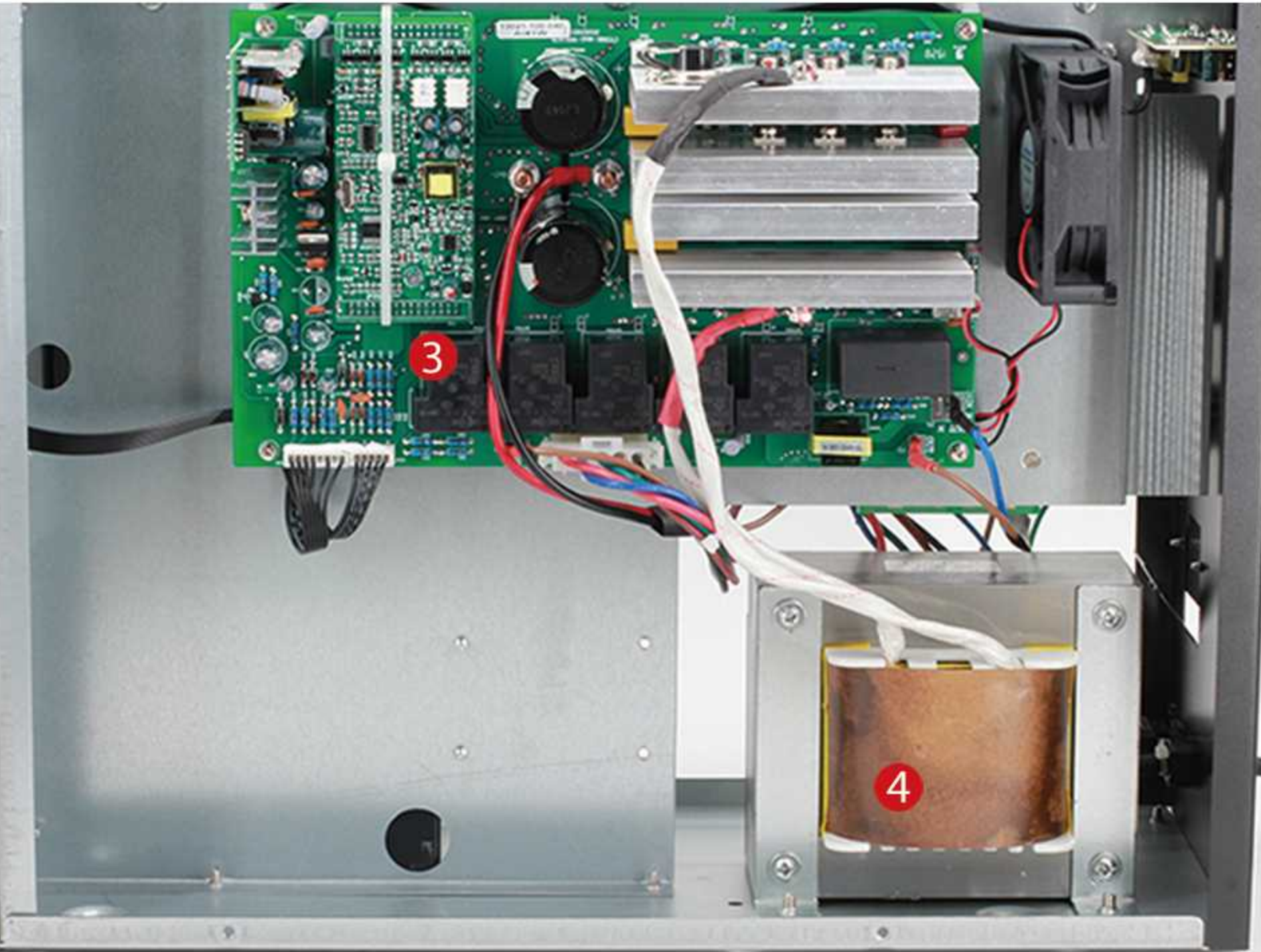


LINE INTERACTIVE UPS
CYF SERIES



LINE INTERACTIVE UPS CYF SERIES

This UPS is an electrical apparatus that provides emergency power to a load when the input power source or mains power fails. It differs from an inverter or generator in that it will provide near-instantaneous protection from input power interruptions. These UPS are ideally used to protect hardware such as computers, data centers, telecommunication equipment or other electrical equipment where an unexpected power disruption could cause injuries, fatalities, serious business disruption or data loss.

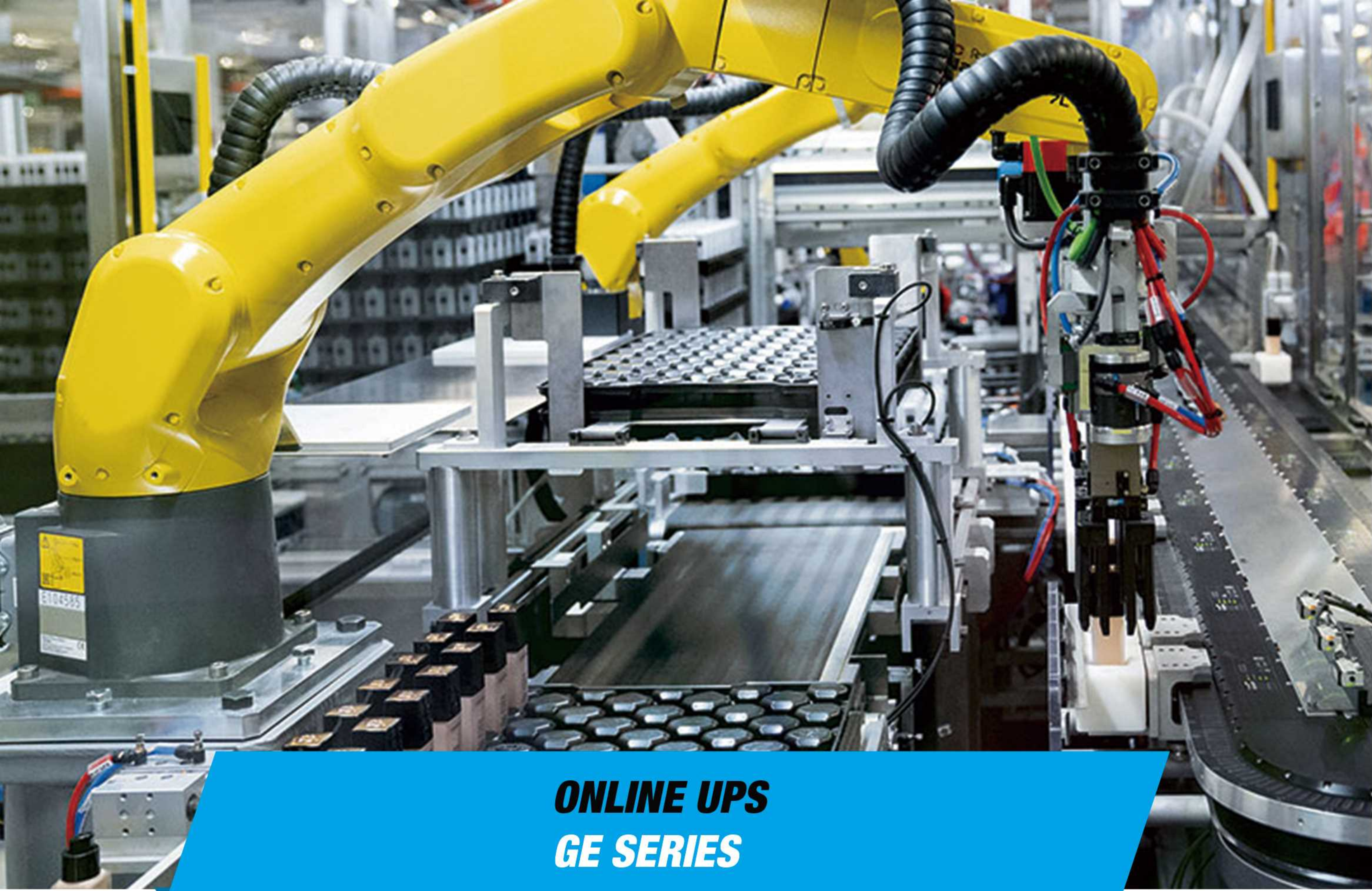


- 1 Informative matrix LCD display shows the working status of the UPS, the input Voltage, the output voltage, the battery level, the frequency etc.
- 2 Built in Lead Acid battery. these batteries are rechargeable deep cycle batteries. They are automatically charged and store power when the AC utility power is present, when the AC power break out, the UPS switches to battery back up mode and these batteries discharge to power the output. for the models with External batteries, larger charger board is configured for the UPS, We can offer Seperate batteries and battery cabinets and accessories based on your specific back up program.
- 3 UPS controller daughter board, brain of the UPS. based on advanced MCU micro-controller unit. mature true online circuit gurantees perfect reliability.
- 4 Low frequency power transformer.

MODEL	CYF1K	CYF1KS	CYF2K	CYF2KS	CYF3K	CYF3KS	CYF6K	CYF6KS	CYF10K	CYF10KS
Capacity	1000VA/800W	1000VA/800W	2000VA/1600W	2000VA/1600W	3000VA/2400W	3000VA/2400W	6000VA/4800W	6000VA/4800W	10000VA/8000W	10000VA/8000W
AC input										
Voltage Range	145~280VAC									
Frequency Range	46Hz~54Hz or 56~64Hz									
Phase	Single phase									
Power Factor	≥0.98 at 100% load									
AC output										
Output Voltage(AC mode)	220VAC±10%									
AC Voltage Range	220VAC±2%(battery mode)									
Frequency Range	Synchronized with utility power 47-53Hz(50Hz) / 57-63Hz(60Hz)						Synchronized with utility power 46Hz~54Hz or 56~64Hz			
Frequency Range(Batt.Mode)	50Hz±0.25Hz						50Hz±0.25Hz or 60Hz±0.1Hz			
Current Crest Ratio	3:1									
Harmonic Distortion	≤3%THD(linear load),≤6%THD(non linear load)									
Transfer Time	typical ≤8ms									
Waveform	Pure Sine Wave									
Efficiency	0.88									
Battery & Charger										
Battery Type	12V7.2Ah	12V	12V7.2Ah	12V	12V7.2Ah	12V	12V9Ah	12V	12V9Ah	12V
DC Voltage	24VDC	36VDC	48VDC	72VDC	72VDC	96VDC	168VDC	192VDC	168VDC	192VDC
Numbers	2	3	4	6	6	8	14	16	14	16
Charging Current(Max.)	1.5A	6A	1.5A	6A	1.5A	8A	2A	6A	2A	6A
Charging Voltage	27.3VDC±1%	41.0VDC±1%	54.7VDC±1%	82.1VDC±1%	82.0VDC±1%	109.4VDC±1%	178.5V±1%	218.4V±1%	178.5V±1%	218.4V±1%
Protection										
Overload	Overload 105%-110%:UPS beep alarm, do not shut down,Overload 110%-130%:auto shut down after 30 seconds; Overload > 130%:auto shut down immediately									
Alarm Buzzer	Battery mode: beep every 4 seconds, Low battery: beep every 2 seconds, Overload protection: beep every second, Fault: Continous beeping									
Other Protection Features	Short circuit protection, Over charge protection, Over heat protection, Over battery voltage protection, under battery voltage protection									
Environment										
Humidity	20-90%RH@0-40°C (non-condensing)									
Noise Level	Less than 55dBA@1 Meter									
Power Management										
Smart RS-232/USB	Support Windows 2000/2003/XP/Vista/2008,Windows7/8,Linux,Unix,and MAC									
Optional SNMP	Power management from SNMP manager and web browser									
Physical										
Dimension,LxWxH(mm)	352*145*213	352*145*213	450*192*335	450*192*335	450*192*335	450*192*335	390*192*720	535*192*348	390*192*720	535*192*348
Net Weight	12.96kgs	9.54kgs	29.7kgs	15.9kgs	33kgs	21.5kgs	55kgs	28kgs	59kgs	30kgs

Ideally use for





ONLINE UPS **GE SERIES**

- Online double-conversion
 - DSP technology guarantees high reliability
 - True galvanic isolation transformer design
 - Control designed to withstand all kinds of loads
 - Adjustable battery nombers
 - Intelligent battery management to prolong battery lifecycle
 - Reverse phasefrequency operation and supports non-neutral input
- Accept dualmains input
 - Parallel operation with up to 4 units(option)
 - Varieties of communication options available
 - Optional 7" touch LCD
 - Independent ventilation enhance durable operation underharsh environment

MODEL	GE-10K	GE-15K	GE-20K	GE-30K	GE-40K	GE-60K	GE-80K	GE-100K	GE-120K	GE-160K	GE-200K
Capacity	10KVA/8KW	15KVA/12KW	20KVA/16KW	30KVA/24KW	40KVA/32KW	60KVA/48KW	80KVA/64KW	100KVA/80KW	120KVA/96KW	160KVA/128KW	200KVA/160KW
Input											
Nominal Voltage	3*380VAC/400VAC(3Ph+N)										
Acceptable Voltage Range	285VAC~475VAC										
Frequency	50/60Hz ± 10%										
Power Factor	≥0.99 at Nominal Voltage at 100% load										
Inverter											
Output Voltage	3*380VAC/400VAC(3Ph+N)±1 %										
Precision	Stationary ±1% Transitory:±5%(load variations 100-0-100%)										
Frequency	50/60Hz Hz synchronised ±1%										
Max.Synchronization Speed	±1 Hz/S										
Waveform	Pure Sine Wave										
Harmonic Distortion	≤2%(Linear load); ≤5%(Non linear load)										
Phase Displacement	120°±1 % (balanced load); 120°±2 % (imbalances 50% of the load)										
Dynamic Recoery Time	3 cycles at 90% of the static value										
Admissible Overload	110% for 10min; 150% for 60sec; >160% for 200ms										
Admissible Crest Factor	3:1										
Admissible power Factor	0.6~1(inductive or capacitive)										
Imbalance output voltage	<1%										
Current Limit	High overload, short circuit: RMS voltage limit. High Crest-Factor current: Peak voltage limit										
Static bypass											
Type	Solid state										
Voltage	3*380VAC/400VAC(3Ph+N)										
Frequency	50/60Hz										
Activation Criterion	Microprocessor control										
Transfer time	Zero										
Admissible Overload	150% for 1 hour; 180% for 30sec; >200% for 200ms										
Transfer to Bypass	Immediately, for overloads above 160%										
Retransfer	Automatic after alarm clear										
Maintenance bypass											
Type	Without interruption										
Voltage	3*400VAC(3Ph+N)										
Frequency	50/60Hz										
Overall Efficiency(Line mode)	89%	90%			91%		92%			93%	
Overall Efficiency(Battery)	90%	91%			92%		93%				
Battery & Charger											
Battery type and numbers	12VDC * 32pcs (29-32pcs adjustable)										
Nominal battery Voltage	384VDC (Based on 32pcs batteries)										
Charging Method	CC/CV										
Precision	±1 %										
Charging Current	Default 10A, maximum capacity(kw) battery (real				Default 10A; Maximum 40A; 50A@ full load						
Charging Voltage	432 VDC(Based on 32pcs batteries)										
Physical											
Dimension,LxWxH(mm)	656*405*817			656*405*941		821*432*1159		975*554*1266		975*554*1326	
Net Weight	118kgs	120kgs	145kgs	193kgs	278kgs	365kgs	471kgs	573kgs	650kgs	760kgs	840kgs

SUCCESS STORY

PUBLIC SECURITY BUREAU



DETENTION CENTER



SHANTOU SCHOOL



PUBLIC INSTITUTION



TAIYANG HOSPITAL



ZHEJIANG HIGH SCHOOL



Ideally use for

