



ONE STOP BATTERY POWER SOLUTIONS PROVIDER

Shenzhen Richroc Electronic Co., Ltd.

Tel.: +86-755-2712-6881

Fax: +86-755-2712 6472

Website: www.wgpups.com

Email: enquiry@richroctech.com



AFRAID OF POWER OUTAGE USE WGP MINI UPS



Get more information

Shenzhen Richroc Electronic Co., Ltd.



Richroc

Company Profile

About Richroc

since
2009

Shenzhen Richroc Electronic Co.,Ltd. established in 2009, is a high-tech enterprise specializing in comprehensive lithium ion battery solutions.

We are dedicated to providing efficient and reliable mini uninterruptible power supply(Mini UPS) for global customers. As a pioneer in the field of Mini UPS, our mission is to "Guard the very last second of power for critical equipment."

Focusing on power outage emergency needs in industries such as telecommunications and security, we deliver intelligent and lightweight power assurance solutions for telecom operators, ISP companies, supermarket chains and other wholesalers.



Experienced



Professional



Business Coverage



Reliable



Company History

2009

Company established and started with 18650 Li-ion battery pack.

2011

The first mini ups on the market was born and named "mini ups" by Richroc.

2015

Started market research and explored more market chances in South Africa, India, Thailand and Indonesia.

2019

Verified as an ISO 9001 enterprise and started supply to National Telecom Operators.

2022

Became a core mini ups supplier in South Africa, India, Bangladesh and Myanmar.

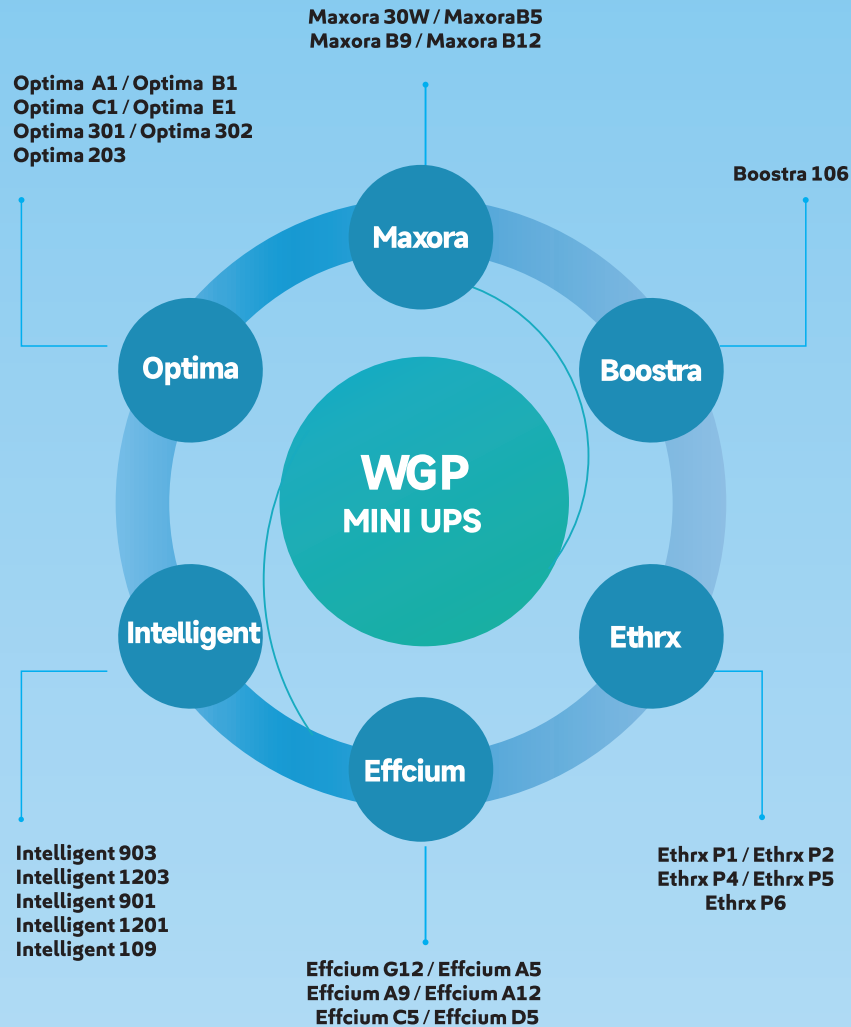
2025

Keep offering OEM and ODM mini ups solutions, aim to become the global biggest mini ups manufacturer.

2009-2025-Future

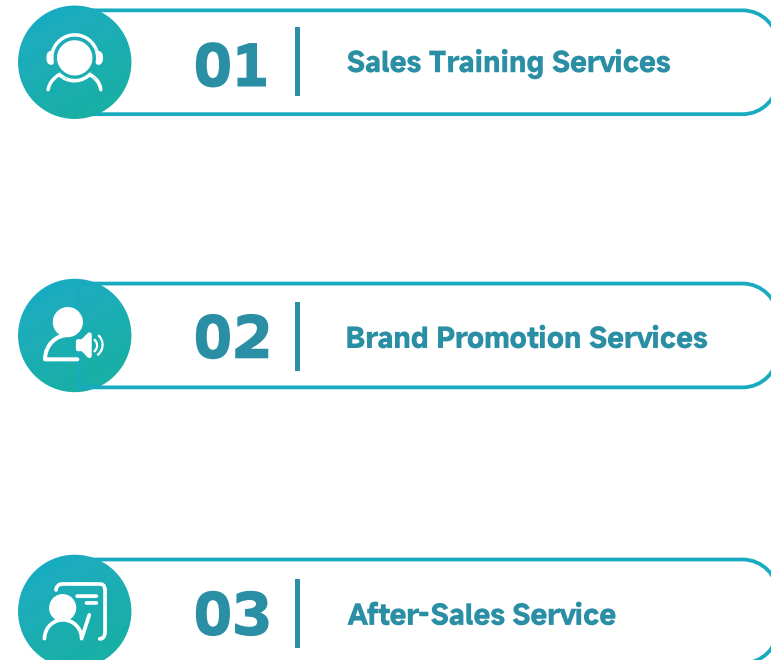
Product Series

6 Major Product Series

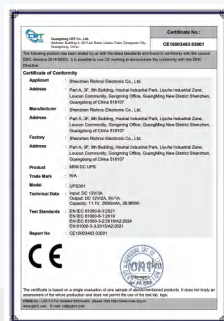


Product Series

3 Major Services



Our Certification



ROHS

CE

ISO 9001

High-Tech Enterprise

FCC

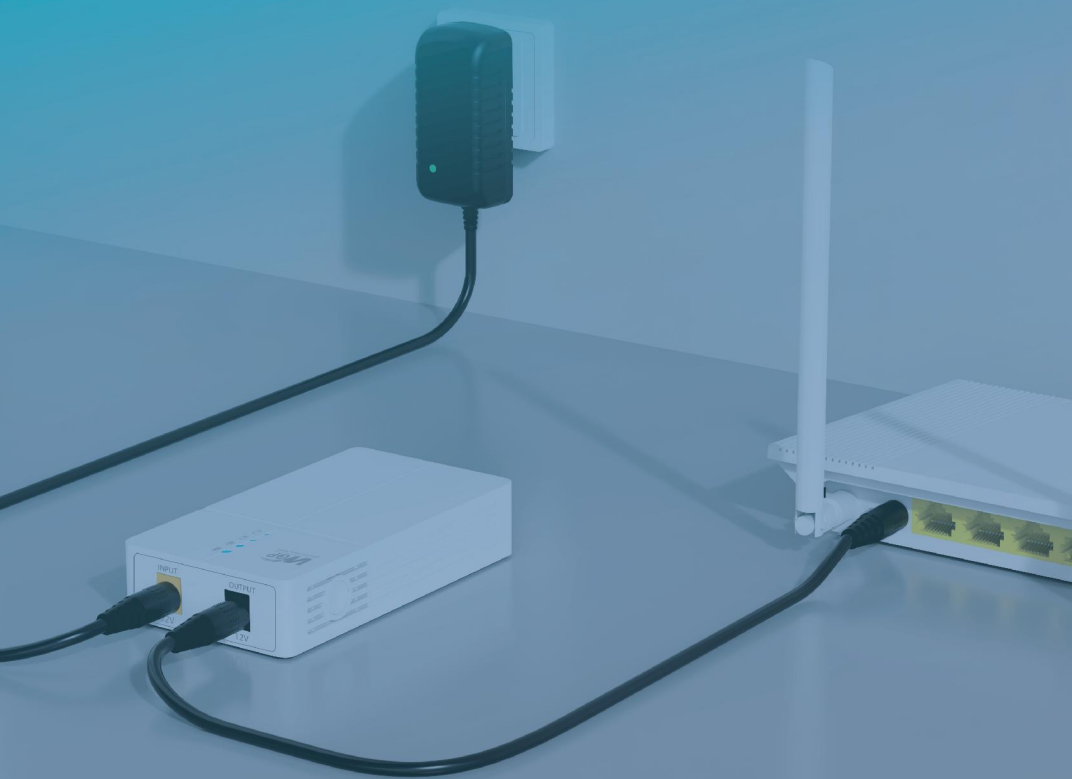


Richroc



Our Products

01 Effcium DC Mini UPS



01 Effcium DC Mini UPS



Effcium G12



Effcium A5/ Effcium A9/ Effcium A12



Effcium C5



Effcium D5

Effcium DC Mini UPS

Effcium G12

- The LED light display clearly shows the battery power.
- A hanging hole at the back for convenient wall mounting.
- Easy installation and operation.
- Equipped with built-in 18650 lithium ion battery.
- With over charge, over discharge, over voltage, over current and short circuit protection.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Optima G12	24W	DC 12V	12V 2A	18650 li-ion	28.86Wh	110*60*23.5mm	202g

Application



WiFi Router



ONU



Camera

Effcium DC Mini UPS

Effcium A Series

Optional Series: 5V2A, 9V1A, 12V2A



- Clear working status led indicator.
- Small size, but long backup time.
- Stable voltage and current output.
- High-quality PCB board with stable circuit.
- Inbuilt grade A quality li-ion battery cells, real capacity & big capacity.

Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Effcium A5	10W	DC 5V	5V 2A	18650 li-ion	19.24-28.86Wh	110*60*26mm	153-201g
Effcium A9	9W	DC 9V	9V 1A	18650 li-ion	19.24Wh	110*60*26mm	153g
Effcium A12	24W	DC 12V	12V 2A	18650 li-ion	28.86Wh	110*60*26mm	201g

Application



WiFi Router



Camera



ONU

Effcium DC Mini UPS

Effcium C5

- Clear working status led indicator.
- Small size, but long backup time.
- Stable voltage and current output.
- High-quality PCB board with stable circuit.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Effcium C5	15W	DC 5V	5V 3A	18650 li-ion	19.24Wh	111*60*26mm	157g

Application



WiFi Router



ONU



Camera

Effcium DC Mini UPS

Effcium D5

- 5V2A output, compatible with 99% indoor cameras.
- USB output, suitable for both micro and type C.
- 6 hours of long-lasting battery life.
- Over current protection.
- Grade A batteries have longer life.
- Camera-specific.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Effcium D5	10W	DC 5V	5V 2A	18650 li-ion	19.24Wh	108*53*26mm	145g

Application



Camera

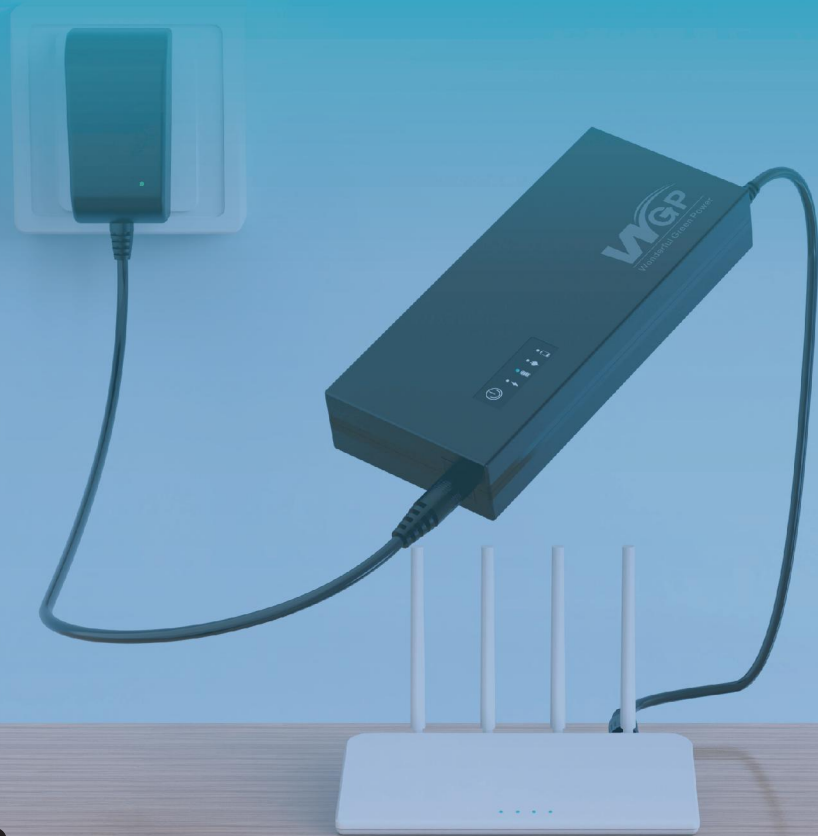


Tablet PC



Smartphone

02 Intelligent DC Mini UPS



02 Intelligent DC Mini UPS

Intelligent 903/Intelligent 1203



Intelligent 901/Intelligent 1201



Intelligent 109

Intelligent DC Mini UPS

Intelligent Series

Optional Series: 9V3A, 12V3A

- Adjust output current automatically based on loading needs.
- Reduce power consumption, extend the lifespan of connected devices.
- High-capacity batteries ensure a longer ups service life.
- Clear multi-LED lights to show different working status.
- Smart dc ups with integrated cable.
- Special for 9~24W device.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Intelligent 903	27W	DC 9V	9V 3A	18650 li-ion	38.48Wh	138*60*24mm	257g
Intelligent 1203	36W	DC 12V	12V 3A	18650 li-ion	38.48Wh	138*60*24mm	257g

Application



WiFi Router



ONU



Camera

Intelligent DC Mini UPS

Intelligent Series

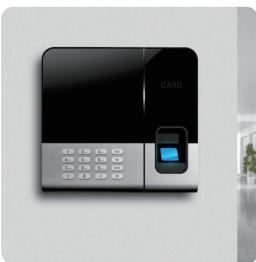
Optional Series: 9V1A, 12V1A

- Adjust output current automatically based on loading needs.
- Reduce power consumption, extend the lifespan of connected devices.
- High-capacity batteries ensure a longer ups service life.
- Clear multi-LED lights to show different working status.
- Smart dc ups with integrated cable.
- Special for less working time.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Intelligent 901	9W	9V DC	9V 1A	18650 li-ion	19.24Wh	100*50*24mm	150g
Intelligent 1201	12W	12V DC	12V 1A	18650 li-ion	19.24Wh	100*50*24mm	150g

Application



Time Clock



Camera



WiFi Router

Intelligent DC Mini UPS

Intelligent 109

- Output power upto 30W.
- Adjust output automatically based on loading needs.
- Reduce power consumption, extend the lifespan of connected devices.
- High-capacity batteries ensure a longer ups service life.
- Clear multi-LED lights to show different working status.





High Capacity



Smart



Big Current



High Regulation



Multiple Protections

Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Intelligent 109	30W	DC 12V	12V 2.5A	18650 li-ion	57.72Wh	146*60*41mm	388g



Application



WiFi Router



Camera

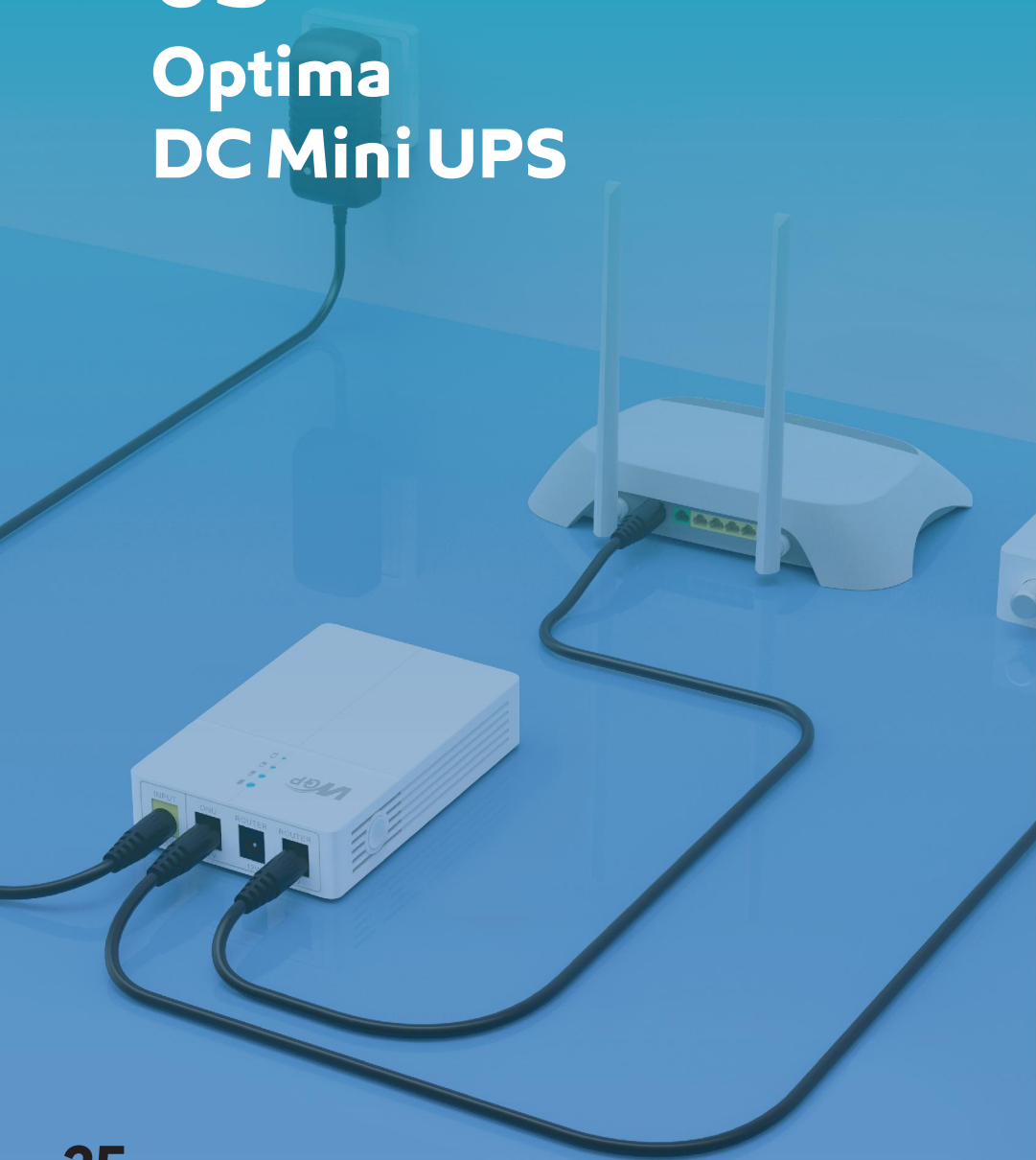


ONU



Time Clock

03 Optima DC Mini UPS



03 Optima DC Mini UPS

Optima A1



Optima B1



Optima C1



Optima E1



Optima 301



Optima 302



Optima 203



Optima DC Mini UPS

Optima A1

- Microprocessor controller guarantees high reliability.
- Overload & short-circuit protection.
- Over-charge and over-discharge protection.
- 20%, 50%, 75%, 100% power indication.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Optima A1	24W	DC 12V	5V2A, 9V1A, 12V1A	18650 li-ion	38.48Wh	116*73*24mm	248g

Application



WiFi Router



ONU



Camera

Optima DC Mini UPS

Optima B1

- Support Type-C charging.
- Max output power 24W.
- Overload & short-circuit protection.
- Over-charge and over-discharge protection.
- 20%, 50%, 75%, 100% power indication.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Optima B1-5912	24W	Type-C 5V2A	5V2A, 9V1A, 12V1A	18650 li-ion	38.48Wh	116*73*24mm	248g
Optima B1-51212	24W	Type-C 5V2A	5V2A, 12V1A, 12V1A	18650 li-ion	38.48Wh	116*73*24mm	248g

Application



WiFi Router



ONU



Tablet PC



Camera

Optima DC Mini UPS

Optima C1

- High capacity and long backup time.
- Overload & short-circuit protection.
- USB/DC multi-voltage outputs.
- Equipped with built-in 21700 lithium ion battery.
- The LED light display clearly shows the battery power.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Optima C1-5912	24W	DC 12V	5V2A, 9V1A, 12V1A	21700 li-ion	65.12-74Wh	132*79*28.5mm	379g
Optima C1-51212	24W	DC 12V	5V2A, 12V1A, 12V1A	21700 li-ion	65.12-74Wh	132*79*28.5mm	379g

Application



WiFi Router



ONU



Tablet PC



Camera

Optima DC Mini UPS

Optima E1

- Microprocessor controller guarantees high reliability.
- Overload & short-circuit protection.
- Over-charge and over-discharge protection.
- 20%, 50%, 75%, 100% power indication.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Optima E1	24W	DC 12V	5V2A, 9V1A, 12V1A	18650 li-ion	29.6Wh	116*73*24mm	248g

Application



WiFi Router



ONU



Camera

Optima DC Mini UPS

Optima 301

- Dual DC 12V 2A + DC 9V 1A three outputs.
- With 2A current, supports all routers.
- TP battery from listed company can be cycled more than 500 times and have a long life.
- Overload & short-circuit protection, over-charge and over-discharge protection.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Optima 301	27W	DC 12V	9V1A, 12V2A, 12V2A	18650 li-ion	22.2-36.63Wh	116*73*24mm	248g

Application



WiFi Router



Camera



ONU

Optima DC Mini UPS

Optima 302

- USB Port, support QC 3.0.
- Dual DC 12V 2A + DC 9V 1A + USB 5V 3A outputs.
- TP battery from listed company, can be cycled more than 500 times and have a long life.
- Overload & short-circuit protection, over-charge and over-discharge protection.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Optima 302	27W	DC 12V	USB 5V3A / 9V2A DC 9V1A, 12V2A, 12V2A	21700 li-ion	49.95Wh	116*75*28mm	293g

Application



WiFi Router



ONU



Smartphone



Camera

Optima DC Mini UPS

Optima 203

- 18W multi-output portable UPS.
- 5/9/12/12/19V DC simultaneous output.
- Over-charge, over-current, over-discharge, short-circuit protection.
- USB and DC jack outputs.
- Power Source: 12V DC charging.
- Microprocessor controller guarantees high reliability.



Multiple Outputs

Smart Home Power Management

Space Saving

High Regulation

Multiple Protections

Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Optima 203	18W	DC 12V	USB 5V1.5A DC 5V1.5A, 9V1A, 12V1.5A, 12V1.5A, 19V0.95A	21700 li-ion	48.84Wh	105*105*27.5mm	320g



Application



WiFi Router



ONU



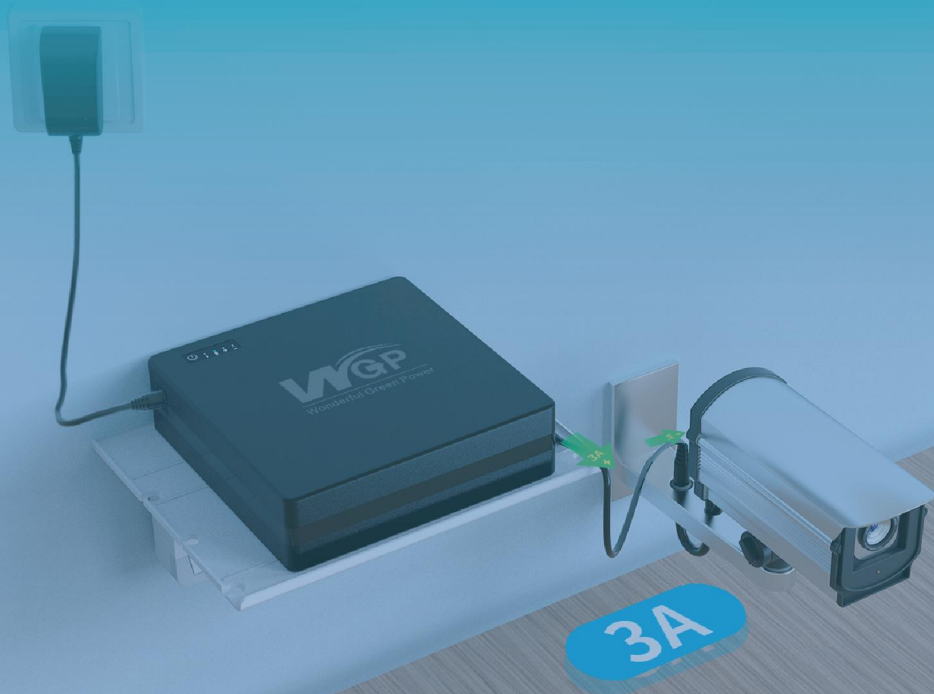
Tablet PC



Camera

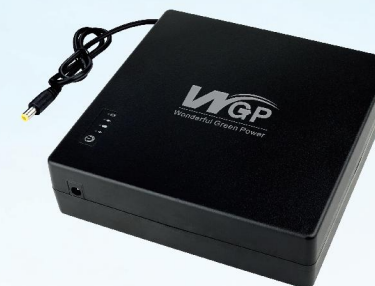
04

Maxora DC Mini UPS



04

Maxora DC Mini UPS



Maxora 30W

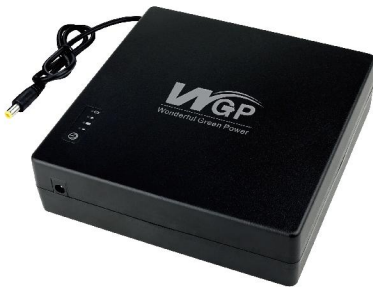


Maxora B5/ Maxora B9/ Maxora B11

Maxora DC Mini UPS

Maxora 30W

- Power 30W with over 100Wh capacity
- Adjust output current automatically based on loading needs.
- Reduce loading consumption, extend loading device lifetime.
- Powerful batteries ensure a longer ups service life.
- Clear multi-LED lights to show different working status.
- Smart dc ups with integrated cable.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Maxora 30W	36W	DC 12V	12V 3A	18650 li-ion	115. 44Wh-185Wh	154*154*43mm	840-1260g

Application



WiFi Router



ONU



Access Control Turnstile



Camera

Maxora DC Mini UPS

Maxora series

Optional Series: 5V2A, 9V1A, 12V2A



- Clear working status led indicator.
- Small size, but long backup time.
- Stable voltage and current output.
- High-quality PCB board with stable circuit.
- Inbuilt grade A quality li-ion battery cells,real capacity & big capacity.

Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Maxora B5	10W	DC 5V	5V 2A	18650 li-ion	38.48-57.72Wh	111*60*43mm	345g
Maxora B9	9W	DC 9V	9V 1A	18650 li-ion	38.48-57.72Wh	111*60*43mm	345g
Maxora B12	24W	DC 12V	12V 2A	18650 li-ion	57.72Wh	111*60*43mm	345g

Application



WiFi Router



ONU

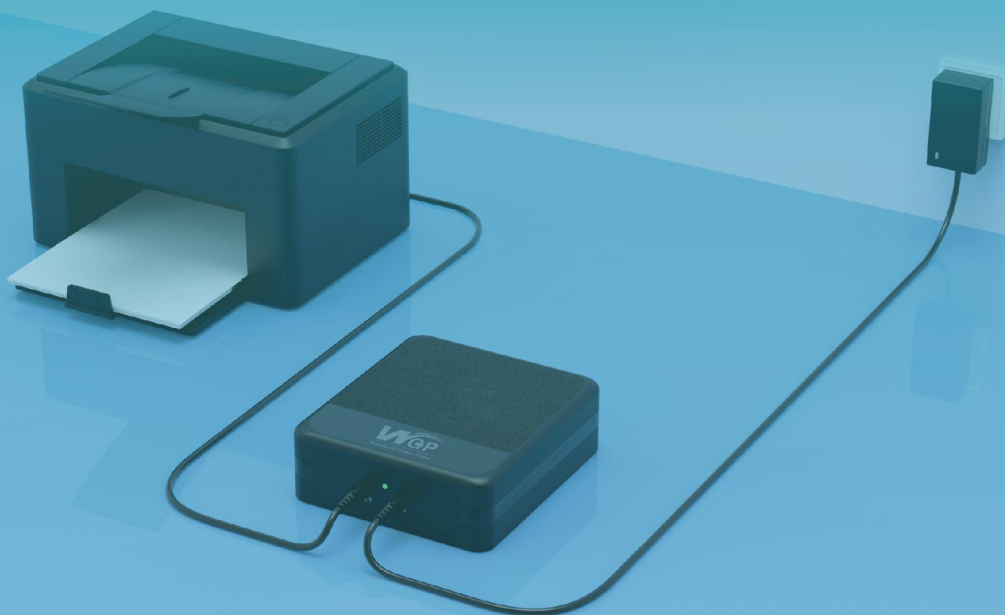


Camera

05

Boostr

DC MINI UPS



Boostr DC Mini UPS

Boostr 106 Series

Selectable Output: 12V5A, 19V3.5A, 24V3A



- High power compatibility with various devices.
- Over 100Wh ensure a longer backup time.
- Reading loading and switch ON/OFF automatically.
- Clear working status led indicator.
- High-quality PCB board with stable circuit.
- Stable voltage and current output.

Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Boostr 106-12V	60W	DC 12V	12V 5A	18650 li-ion	115. 44Wh	137*124*44mm	780g
Boostr 106-19V	66.5W	DC 19V	19V 3. 5A	18650 li-ion	115. 44Wh	137*124*44mm	780g
Boostr 106-24V	72W	DC 24V	24V 3A	18650 li-ion	115. 44Wh	137*124*44mm	780g

Application



WiFi Router



Printer



Access Control Turnstile



Cash Register

06 Ethrx DC Mini UPS



06 Ethrx DC Mini UPS



Ethrx P1



Ethrx P2



Ethrx P4



Ethrx P5

Ethrx P6



Ethrx DC Mini UPS

Ethrx P1

- Max output power 36W.
- Support quick charge3.0.
- 10400mAh super capacity.
- High compatibility, suitable for 98% devices in the market.
- Independently power 5V, 9V and 12V devices.
- POE 24V/48V selectable with gigabit support.
- With friendly multi-LED status indicators.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Ethrx P1	36W	AC110-220V	USB 5V(support QC3.0) DC 9V2A, 12V2A POE 24V/48V	16850 li-ion	38.48-76.96Wh	195*115*25.5mm	431g

Application



IP Phone



WiFi Router



ONU



Camera

Ethrx DC Mini UPS

Ethrx P2

- POE output 24V or 48V.
- Manual power off switch.
- Overload & short-circuitprotection.
- Space-saving emergency backup.
- User friendly multi-LED status indicators.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Ethrx P2	14W	AC100-250V	USB 5V DC 9V1A,12V1A POE 24V/48V	21700 li-ion	29.6Wh	105*105*27.5mm	271g

Application



IP Phone



WiFi Router



ONU



Camera

Ethrx DC Mini UPS

Ethrx P4

- POE output 24V or 48V.
- 5V and 9V and 12V DC outputs.
- Built-in 18650/21700 lithium ion battery.
- Overload & short-circuit protection.
- User friendly multi-LED status indicators.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Ethrx P4	14W	AC100-250V	USB 5V/1.5A DC 9V1A, 12V1A POE 24V/48V	21700 li-ion	32.56Wh	160*77*27.5mm	277g

Application



Wireless Phone



WiFi Router



ONU



Camera

Ethrx DC Mini UPS

Ethrx P5

- Support quick charge 3.0.
- 20800mAh battery capacity.
- High compatibility, suitable for 98% devices in the market.
- Independent DC output 5V/ 9V/ 12V.
- POE 24V/48V selectable with gigabit support.
- With friendly multi-LED status indicators.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Ethrx P5	30W	AC100-240V	USB 5V2.5A DC 9V2A, 12V2A POE 24V/48V	18650 li-ion	38.4~76.96Wh	195*115*25.5mm	620g

Application



IP Phone



WiFi Router



ONU



Camera

Ethrx DC Mini UPS

Ethrx P6

- Compact & multiple-output design with 30W output power.
- Ventilation design for heat dissipation.
- Space-saving emergency backup.
- Smart home power management.
- Removable lithium battery pack.
- A hanging hole on the back for easy mount on the wall.



Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
Ethrx P6	30W	AC110-240V	USB 5V2A, DC 9V1A, 12V2. 5A POE 24V0. 45A/48V0. 16A	21700 li-ion	32.56Wh	105*105*27.5mm	302g

Application



IP Phone



WiFi Router



ONU



Camera

Emergency Backup Battery

WGP 512A

- Multiple 6 outputs to support variety equipments.
- Capacity max 31200mAh to ensure a longer working time.
- Power indication to show 25%, 50%, 75%, 100% power status.
- High-quality PCB board with stable circuit.

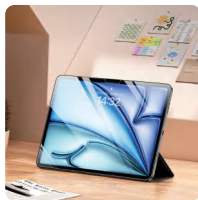


Model No.	Output power	Input	Output	Battery Type	Capacity	Size	Weight
WGP 512A	36W	DC 12. 6V	USB 5V*2 DC 12V*4	18650 li-ion	31200mAh	150*98*48mm	750g

Application



Portable Speaker



Tablet PC



Smartphone



String Lights

LiFePO4 Battery

XPX-LFP-1207/XPX-LFP-2435

- Short-circuit protection.
- Over-charge and over-discharge protection.
- More safety, passed reliable safety tests.
- Eco-friendly, recyclable.
- Easy to carry and powerful, making the LiFePO4 battery very versatile.



Model No.	Energy	Nominal Voltage	Capacity	Battery Type	Size	Weight
XPX-LFP-1207	89.6watts	12.8V	7Ah	32700 li-ion	152.5*66*94.2mm	875g
XPX-LFP-2435	84watts	24V	3.5Ah	26650 li-ion	186*73.5*71mm	915g

Application



Rolling Shutter Doors



Lawn Mower



Solar Energy Storage

Step Down Cable

C5912

- Triple outputs to support a variety of equipments.



Model No.	Input	Output	Cable Length	Plug Size	Weight
C5912	DC 12V	5V2A, 9V1A, 12V1A	500mm	5.5*2.5mm (customized)	44g

Application



Speaker



Radio



WiFi Router



Camera



Richroc

Collaborative

Business Model

OEM

ODM

WGP Mini UPS

We provide flexible partnership models for global distributors, including:

Support for OEM/ODM customization with orders starting from just 1 unit to minimize inventory pressure.

Highly competitive pricing with direct factory supply, ensuring substantial profit margins.

Comprehensive service support featuring a 1-year warranty, free replacements for functional defects, and regional market protection to prevent unhealthy competition.



1000⁺
Global Partners

100⁺
Global Reach