



Fibre Management

Outdoor Backup Power Box Plastic
Model 01



Features

- Wide-range AC input: 180–264V AC, 50/60Hz, 10A
- Provides one 220V AC output via UK standard socket
- Built-in Ethernet switch with:
 - 8 × 10/100/1000M PoE downlink ports
 - 2 × 1000M SFP uplink ports
- Supports Layer 2 (L2) managed switch functions, including:
 - QoS
 - VLAN
 - MSTP
 - Multicas
 - Port management
 - PoE management
- Outdoor-grade enclosure with IP66 waterproof rating and anti-corrosion treatment, suitable for long-term outdoor use

Product Description

This product is an outdoor backup power system powered by AC mains. It integrates a power module, power switch, circuit breaker, and surge protection device within a rugged enclosure. The system supports AC-powered battery charging and features an IP66-rated enclosure, making it suitable for long-term outdoor deployment.

Technical Specifications

Power Supply Input	180–264V AC, 50/60Hz, 10A
AC Output	1 channel AC output; output voltage follows input voltage; UK socket
Battery	DC 12V (customer-supplied)
Power Module	220V AC input, 12V DC output, 240W; supports battery charging and discharging; charging current: 1A
DC Booster Module	12V DC to 54V DC, 200W
Fiber Tray Capacity	8 × LC adapters
Operating Temperature	–20°C to +70°C
Storage Temperature	–40°C to +85°C
Humidity	0–95%(No condensation)
Dimension(H×W×D)	500mm×400mm×200mm
Material	SMC
Color	White
Net-weight	15KG



To Order

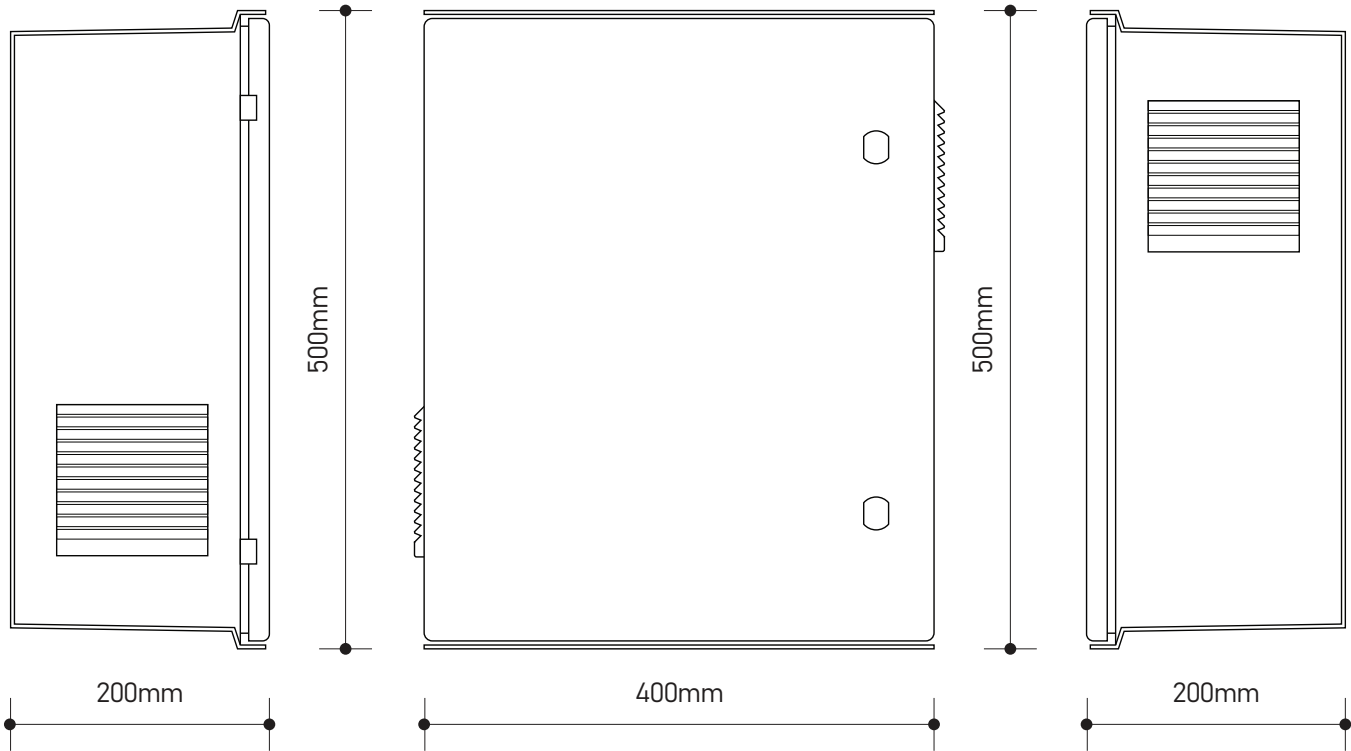
Ordering information on page 2.



Switch Specifications

Parameter	Specifications
Consumption	Self-consumption<20W, PoE output 180W max
Downlink ports	Ports 1~2 10/100/1000Base-T 90W PoE RJ45(IEEE802.3bt,also support IEEE 802.3af/at) 3~8 10/100/1000Base-T 30W PoE RJ45(IEEE 802.3af/at)
Uplink ports	Ports 9~10 1000M SFP slots
Cable and distance	Use cat5e/6,100m max
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	20Gbps
Though put	14.88Mpps
Buffer	1M
MAC address table	8K
Indicator	Power: 2 *red ; Uplink 9~10: green LEDs indicate Link/Act Downlink 1~8: On RJ45 green LEDs indicate Link/Act, yellow LEDs indicate PoE

Structure

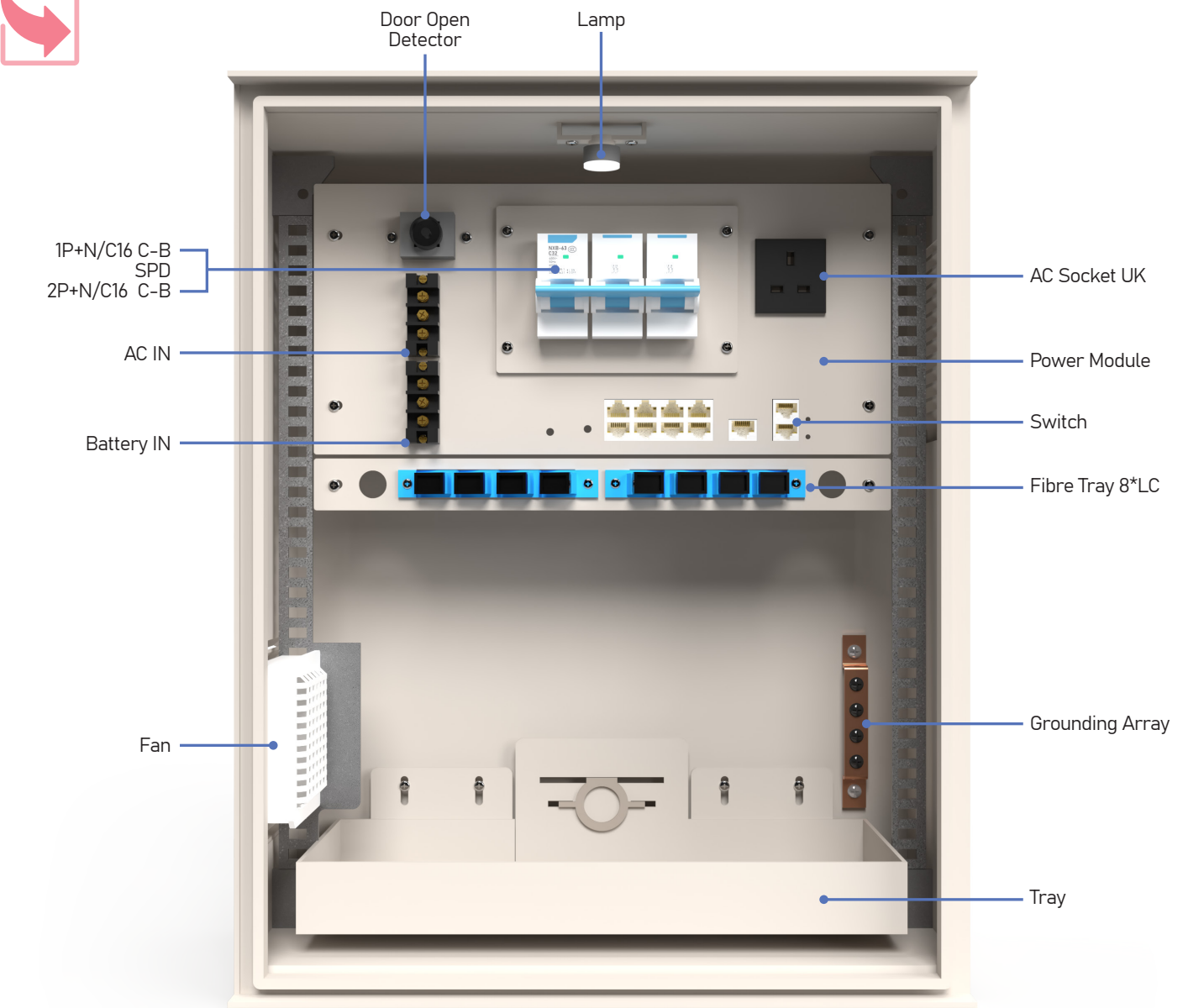


To Order

To place an order, use the contact details below.



A look inside



Example Part Number	
Description	Part Number
Outdoor Backup Power Box Plastic - Model 01	OBPB-P-M01

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