MINI DC UPS · POE-CAPABLE

MINI M Series 18 – 60 W



INTRODUCTION

The MINI M Series is a pocket-size DC UPS that keeps routers, IP cameras and network devices online through power cuts. A built-in adapter accepts global AC input and charges an internal lithium battery; on mains failure the load transfers in 0ms.

Multiple DC outputs — USB 5V, 5V/9V/12V DC barrels and optional 15V/24V PoE — power several devices from one unit: one machine, multiple uses. Available at 18W, 36W and 60W.

KEY FEATURES

- Built-in adapter, suitable for global AC voltage range
- USB (5V) plus conventional 5V/9V/12V DC outputs
- Single network cable carries both network and power (PoE)
- Overload, over-temperature and short-circuit protection
- High-capacity built-in lithium battery for longer backup
- Optional 15V/24V PoE output — one machine, multiple uses
- Intelligent over-charge / over-discharge / over-current protection

TECHNICAL SPECIFICATIONS

Parameter	M18P	M36P	M60P
Output Power	18 W	36 W	60 W
INPUT			
Voltage Range	85 – 265 VAC		100 – 240 VAC
Frequency Range	50 / 60 Hz		50 – 60 Hz
Surge Current	≤3 A		
Input Fuse	0.8 A / 250 VAC		1 A / 250 VAC
OUTPUT PORTS — RATED CURRENT			
USB 5V	2 A	2 A	1.5 A
DC 5V	2 A	2 A	Type-C 5V: 1.5 A
DC 9V	1 A	2 A	1.5 A
DC 12V	1.3 A	2 A	5 A
POE 15V	0.6 A	1 A	1 A
POE 24V	0.6 A	1 A	1 A
Voltage Error (all ports)	±5%		
Ripple Voltage	USB/DC 5V ≤250 mVp-p · DC 9V ≤680 mVp-p · DC 12V ≤900 mVp-p · POE 15V ≤1000 mVp-p · POE 24V ≤1500 mVp-p		
Transfer Time	0 ms		
Efficiency	≥85%		
BATTERY			
Battery Specification	Conventional 2200 mAh (2600 mAh customizable)		
Battery Quantity	4		8
APPEARANCE			
LED Display	Power level display, working status display		
Host Dimensions L×W×H	188×107×34 mm		220×136×47.5 mm
Net Weight	0.4 kg	0.41 kg	1.18 kg
PACKAGING (STANDARD CONFIGURATION)			
Single Unit Dimensions	220×164×40 mm		315×165×65 mm
Single Unit Gross Weight	0.58 kg		1.43 kg
One Box	430×350×220 mm, 20 pcs		360×330×345 mm, 10 pcs
Box Gross Weight	11.6 kg		14.3 kg
ENVIRONMENT			
Operating Temperature	0 °C – 45 °C, typical 25 °C (charging prohibited below 0 °C)		
Storage Temperature	−10 °C – 70 °C, typical 25 °C		
Relative Humidity	0 – 85% (no condensation)		
Altitude	≤3000 m		
Heat Dissipation	Natural convection		

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