

AXON-mPOWER

Medical Grade DC UPS



Features

- » In-line DC UPS (no latency in power transfer)
- » Built-in 300W medical grade power
- » Dual configurable DC output
- » DC out 1: Selectable 12V/15V/19V/24V (Max: 100W)
- » DC out 2: Selectable 12V/15V/19V/24V (Max: 100W)
- » USB C: 5V/3A (Max: 15W)
- » Plug & Play - recognized as UPS by operating system via USB
- » Extended functionality by UPS management software
- » Support SNMP service for remote monitoring

Specifications

| | |
|--------------------------|--|
| Network | |
| Ethernet Controller | 1 x LAN: Web-based, specification 10/100Mbps with RJ-45 connection, Cat. 5 cable |
| Audio | |
| Audio | 1 x Buzzer |
| I/O Interface | |
| I/O Interface | 2 x DC outputs |
| | DC out 1: 12V/15V/19V/24V (Max: 100W*) |
| | DC out 2: 12V/15V/19V/24V (Max: 100W*) |
| | * DC out 1 + DC out 2 ≤ 125W |
| | 1 x USB Type C: 5V/ 3A (Max: 15W, Discharge Only) |
| | 1 x USB Type A (HID) |
| | 1 x AC-in: C13 connector |
| Indicator&Buttons | |
| Buttons | 1 x Power on/off |
| Indicators | 1 x System Status LED |
| | 3 x Battery LED |
| | 2 x DC Output LED |
| Physical Characteristics | |
| Color | White |
| Thermal | Smart Fan |
| Chassis Construction | Metal housing |
| Construction Material | SECC |
| Mounting | VESA 100 compliant |
| Weight (Net) (kg) | 3.6 kg (without battery) |
| Weight (Gross) (kg) | 3.9 kg (with 3 batteries) |
| Dimensions (LxWxH) (mm) | 220.6 x 135 x 159.8 |
| Battery | |
| Battery Pack Type | 3 x 3S3P cells Lithium-ion Battery |
| Battery Pack Capacity | 3 x 9000 mAh (3 x 97Wh) |
| | 3 x 7800 mAh (3 x 87Wh) |
| Normal Voltage | 10.8 V |
| Battery Life Time | 260 cycles > 70% |
| Charge Voltage | 12.6 V |

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|------------------------------|---|
| Continuous Charge Current | 2 A for each battery |
| Continuous Discharge Current | 5 A (each battery pack Discharge Power < 55.5W at 40°C) |
| Maximum Discharge Current | 7 A (each battery pack Discharge Power < 77.7W at 25°C) |
| Discharge Cut-off Voltage | 9 V |
| Power | |
| Input | 100 – 240 VAC |
| Output | 2 x DC outputs |
| | DC out 1: 12V/15V/19V/24V (Max: 100W*) |
| | DC out 2: 12V/15V/19V/24V (Max: 100W*) |
| | * DC out 1 + DC out 2 ≤ 125W |
| Built-in Power Supply | 300W medical |
| Environment | |
| Operating Temperature | 0°C ~ 40°C |
| Storage Temperature | -20°C ~ 60°C |
| Humidity | 10% ~ 95% (non-condensing) |
| Vibration | 1G |
| Operating Shock | 5G peak acceleration (11ms duration) |
| Non-operating shock | 15G peak acceleration (11ms duration) |
| IP Level | Front: IP65 |
| Certifications | |
| Safety & EMC | FCC Part15B |
| | EN 62368-1 Ed.2 (60601-1 Compatible) |
| | EN 55032 + EN 55035 (60601-1-2 Compatible) |
| | Battery Pack: UN38.3, IEC62133, IEC62368-1 |

Ordering Information

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|-----------------|--|
| AXON-mPOWER-R10 | VESA 75/100, 100-240VAC 150W built-in medical grade power supply, 2*configurable DC output,support 2*TC-202 battery slot, w/o battery, R10 |
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