

The DC-UPS 2200

Router DC-UPS Series

Router / Modem / AP
DC Online UPS

World's Smallest On-Line UPS
Real Time Guard for Your Routers

The DC UPS 2200 Features:

- ✓ 10 seconds quick installation for all adaptors applications
- ✓ Input voltage auto-sensing - AC and DC
- ✓ Output voltage auto-selection
- ✓ Micro-processor embedded control
- ✓ Advanced Battery life Management
- ✓ Double-Surge Protection
- ✓ Double L C Filter
- ✓ Over and Under Voltage Protection
- ✓ Adaptor Ripple Noise Filtration
- ✓ Adaptor Output Voltage Regulation
- ✓ Real Time Protection
- ✓ Zero Transfer Time
- ✓ Auto-start and manual on-off switch
- ✓ LED Status Indicator and Buzzing Warning



DC UPS 2200

Technical Specifications:

Input Rating

- DC Voltage: 5V/6V/7.5V/9V/12V, 2A Max
- AC Voltage: 5V~12Vac, 2A Max

Matching Adaptor Rating

- 5V/6V-2A, 7.5V-1.5A, 9V-1.2A, 12V-1A

Output

- 5.0Vdc/ 6.0Vdc/ 7.5 Vdc/ 9.0 Vdc/ 12.0Vdc
Auto Selection

Power Rating

- 10W

Ripple

- 1%

Overload Protection

- 110%

Transfer Time

- 0ms (zero)

Battery

- Li-Polymer 3.7V : Standard 1250mAh and 2200mAh

Battery Protection

- Li-Polymer battery Protection IC with Low R_{dson} MOSFET PCM & MCU Monitoring Dual Protection

Recharge Time

- 10hrs to 90% (2200mAh)

Battery Low/Cut Level

- 3.6V / 3.2V

Input Socket

- ø5.5/2.1mm
Accessory: ø5.5/2.5mm, ø4.8/1.7mm convertible connectors

Output Plug

- ø5.5/2.1mm
Accessory: ø5.5/2.5mm, ø4.8/1.7mm convertible connectors

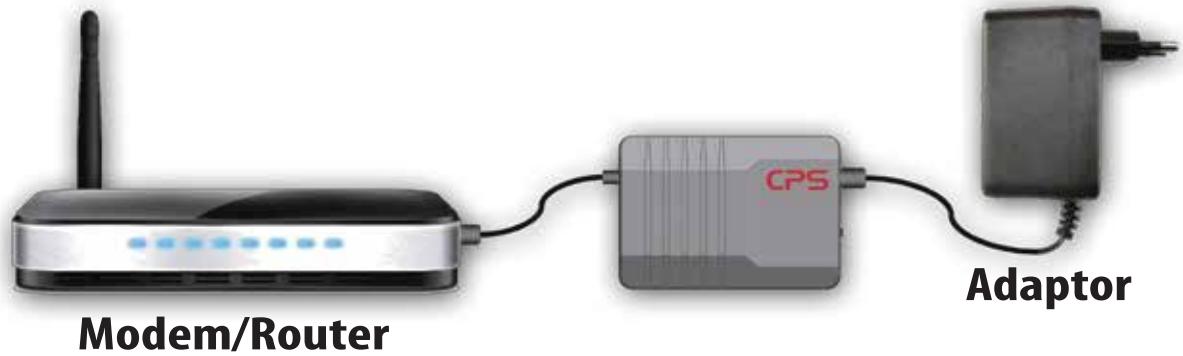
Physical

- Dimensions: 84 x 58 x 34mm

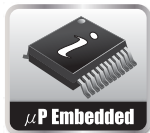
Weight

- 165 Grams - 2200mAh Battery Model

Figure: Typical Router DC-UPS Connection Application



INPUT	DC UPS 2200 (A-1020AA)
Voltage	5Vdc ,6Vdc,7.5Vdc,9Vdc,12Vdc,5~12Vac
Acceptable DC Voltage	5V/ 6V/ 7.5V/ 9V/ 12V tolerance: ±5%
Acceptable AC Voltage	5V~12Vac
Absolutes Maximum Input Voltage	24Vdc (17Vrms equals 12Vac Transformer output @260Vac input)
DC Polarity	Inner Conductor Positive (+)
OUTPUT	
Nominal Voltage	5.0Vdc/ 6.0Vdc/ 7.5 Vdc/ 9.0 Vdc/ 12.0Vdc Auto Selection
Nominal Current	2.0A@5.0Vdc; 1.6A@6.0Vdc; 1.3A@7.5Vdc; 1.1A@9.0Vdc; 0.8A@12.0Vdc
Voltage Accuracy	Nominal ±5%
Voltage Load Regulation	±2%



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