

# CyberPower

## RT650 STANDBY UPS

Protect workstations, network devices, kiosks and POS stations.

A mini-tower UPS with standby technology, the CyberPower RT650 provides battery backup (using simulated sine wave output) and surge protection for home office and entertainment needs, including computers, gaming consoles, point-of-sale equipment, and broadband routers. The size of the RT650 allows it to easily fit under desks or other tight spaces, while providing long lasting backup power to connected equipment.

The RT650 has a capacity of 650VA / 400W and six (6) NEMA 5-15R outlets. The 12V/7Ah internal battery is user-replaceable and offers up to 10 minutes of runtime at 200W. This UPS also includes EMI/RFI filtering that shields against line noise, an HID-compliant USB port for connecting the UPS to a computer running PowerPanel® Personal and an MD-8 connection that can be used for dry-contact relays. Software is downloadable at the CyberPower website for free. The RT650 comes with a five-year warranty and a \$175,000 Connected Equipment Guarantee.



### TYPICAL APPLICATIONS

- Desktop computers
- Workstations
- Personal electronics
- Home networking
- Laptop computers

### FEATURES

- Compact form factor
- Long-lasting runtimes
- Five-year warranty
- User-replaceable battery

## SPECIFICATIONS

### GENERAL

UPS Topology	Standby
Energy Saving	GreenPower UPS™ High-Efficiency

### INPUT

Voltage	96 VAC - 141 VAC
Adjustable Voltage Range	88 VAC - 145 VAC
Frequency Range	47 - 63 Hz
Plug Type	NEMA 5-15P
Plug Style	Straight
Cord Length	6 ft.

### OUTPUT

VA	650 VA
Watts	400 W

### OUTPUT CONT.

Automatic Voltage Regulation	None
On Battery Voltage	120 VAC ± 5%
On Battery Frequency	50/60 Hz ± 1% Auto-sensing
On Battery Waveform	Simulated Sine Wave
Outlet Type	NEMA 5-15R
Outlets - Total	6
Outlets - Battery & Surge Protected	3
Outlets - Surge-Only Protected	3
Outlets - Widely Spaced	2
Overload Protection	Internal circuitry limiting / circuit breaker
Transfer Time	4ms

# RT650 STANDBY UPS SYSTEM



## SPECIFICATIONS CONT.

### BATTERY

Runtime at Half Load (min)	10
Runtime at Full Load (min)	2
Battery Type	Sealed Lead-Acid
Battery Size	12V/7AH
Hot-Swappable	Yes
Replacement Battery	RB1270C
Battery Quantity	1
User Replaceable	Yes
Typical Recharge Time	8 Hours

### SURGE PROTECTION & FILTERING

Surge Suppression	480 J
Phone/DSL RJ11 / Ethernet RJ45	1-In, 1-Out (Combo)
EMI/RFI Filtration	Yes

### MANAGEMENT & COMMUNICATIONS

HID Compliant USB Port	Yes
Serial Port	Yes (MD8)
Dry Contacts	Yes
Cable Management	USB, MD8 to RS232 cable
LED Indicators	Power On, On Battery, Overload, Replace Battery
Audible Alarms	On Battery, Low Battery, Overload
Software	PowerPanel® Personal Edition
SNMP / HTTP Remote Monitoring	None

### PHYSICAL

Form Factor	Mini-Tower
Dimensions (WxHxD) (in.)	3.6 × 6.5 × 11.0 inches
Weight (lbs.)	9.0 lbs

### ENVIRONMENTAL

Operating Temperature	32 – 113 °F (0 – 45 °C)
Operating Humidity	0 – 95% (non-condensing)
Operating Elevation	0 – 10,000 ft (0 – 3,000 m)
Storage Temperature	5 – 113 °F (-15 – 45 °C)
Storage Relative Humidity	0 – 95% (non-condensing)
Storage Elevation	0 – 50,000 ft (0 – 15,000 m)
Online Thermal Dissipation	21.8 BTU/hr
On Battery Thermal Dissipation	333.1 BTU/hr
Audible noise @ 5 ft from surface of unit	40.6 dBA

### CERTIFICATIONS

Safety	UL1778, cUL 107, FCC DOC Class B
Environmental	RoHS Compliant

### WARRANTY

Product Warranty	5 Years Limited
Connected Equipment Guarantee	Lifetime
CEG Amount	\$175,000