

2U Rackmount UPS System

Features

- Long Life LiFePO4 Batteries
- Qty 8 110VAC Sockets
- Pure Sine Wave Output
- 2000VA / 1800W Capacity
- 2U Rackmount or Desktop Mounting
- External Battery Connection for Expansion
- LAN Interface with Windows/Mobile Monitoring App



Applications

- Data Centers
- IT and Telecom
- Healthcare
- Media and Broadcasting
- Industrial Control Systems
- Edge Computing
- Retail and Point-of-Sale (POS)
- Equipment Surge / Blackout Protection

Description

Power up your critical equipment with confidence using the Tycon® UPS-RM-2KVA-115V, a robust 1800W, 115VAC rack-mount solution designed for seamless 24/7 operation. Engineered to protect against surges and blackouts, this advanced uninterruptible power supply (UPS) ensures your equipment stays online without interruption, thanks to its instantaneous transition between line power and battery backup.

Featuring a 480Whr internal LiFePO4 lithium battery, the system delivers approximately 15 minutes of runtime at full 1800W load, with the option to connect an external 48V battery for extended backup time. These maintenance-free batteries offer a remarkable lifespan of at least 10 years, ensuring long-term reliability.

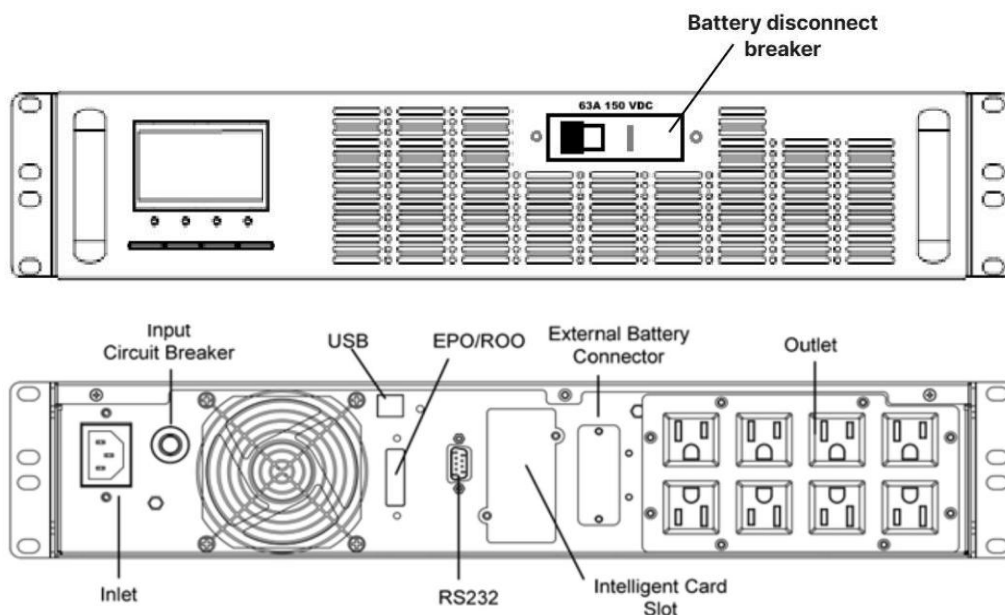
Monitor and manage your power infrastructure effortlessly with the integrated LAN interface and Smart9 monitoring software, compatible with Windows and mobile devices. Track multiple UPS units in real time across your network for ultimate control and peace of mind.

Choose the Tycon® UPS-RM-2KVA-115V for dependable, high-performance power protection that keeps your critical systems running smoothly.

Specifications

	UPS-RM-2KVA-115V
Rated Power	2000VA / 1800W
AC Input	55-145VAC +/-3VAC 50/60Hz
AC Input Power Factor	>0.99
Bypass Voltage Range	80-140VAC
Battery Voltage and Type	48VDC (12V 10Ah x 4 LiFePO4 LFP Lithium)
Backup Time	1800W Load = 12~15 minutes 1000W Load = 22~25 minutes

	500W Load = 43~45 minutes 250W Load = 86~88 minutes 100W Load = 1hr 36 minutes
Charge Time	Charge to 90% battery capacity in 5 hours
External Battery Connector	Anderson SB50 Power Connector #992-BK
Max Suggested External Battery	48V 50Ah
AC Output	100 / 110 / 120 / 125VAC 50/60Hz (Selectable)
AC Output Waveform	Pure Sine Wave
AC Output Harmonic Distortion	THD <2% (Linear Load) THD <7% (Non-Linear Load)
AC Output Overload Capability	105-125% >60s; 126-150% >30s ; Recovery @ 70%
Line to Battery Transfer time	0ms
Inverter Efficiency	>86%
Communications	RS232 , LAN/SNMP
Alarm Function	AC/DC input abnormal, overload condition, inverter malfunction
Protection Function	AC Input above or below specified range, overload, over temperature, short circuit
EMC & Safety Certs	IEC61000-4-2 thru 5; IEC62040-1
Noise	<50dB
Operating Temp	-10 to +40°C (14 to 104°F)
Operating Humidity (RH)	0% - 97% (non condensing)
Storage Temperature	-15 to +45°C (5 to +113°F)
Altitude	If >1000m, 1% derating for every 100m rise
Dimensions (LxWxH)	400 x 440 x 90mm (15.75 x 17.3 x 3.5")
Weight (with 4 LFP Batteries)	12.1kg (26.7lb)
Warranty	3 Years



System Ordering:

UPS-RM-2KVA-115V

2U Rack Mount 115V 2KVA UPS System



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