

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

### Description

Power up your critical equipment with confidence using the Tycon® Dual Conversion 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.

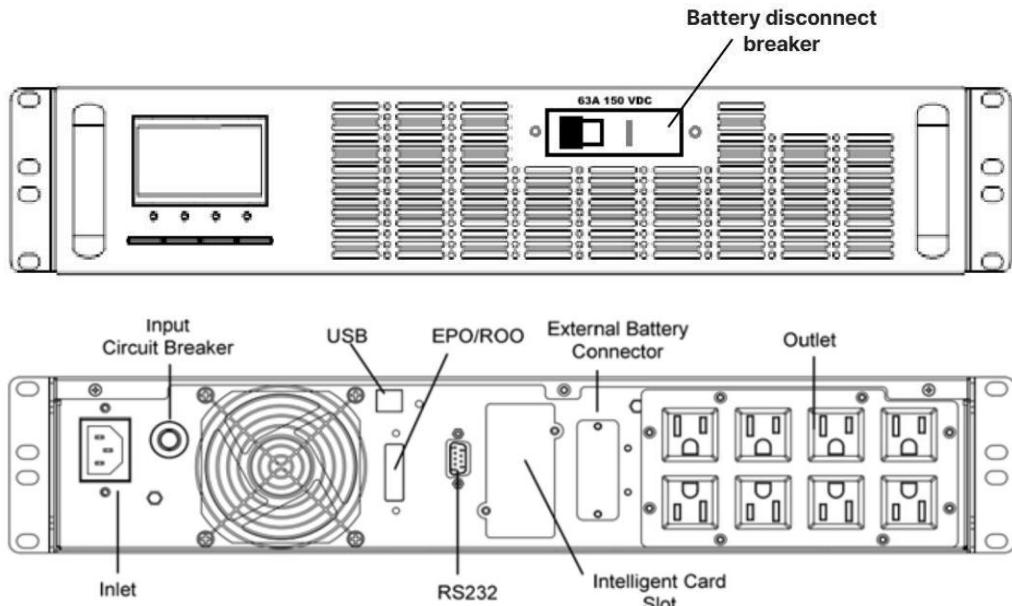
Monitor and manage your power infrastructure effortlessly with the integrated LAN interface and Smart9 monitoring software, compatible with Windows and mobile devices. Track multiple UPS units in real time across your network for ultimate control and peace of mind.

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	
<b>Rated Power</b>	2000VA / 1800W
<b>AC Input</b>	55-145VAC +/-3VAC 50/60Hz
<b>AC Input Power Factor</b>	>0.99
<b>Bypass Voltage Range</b>	80-140VAC
<b>Battery Voltage and Type</b>	48VDC (12V 10Ah x 4 LiFePO4 LFP Lithium)
<b>Backup Time</b>	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
<b>Charge Time</b>	Charge to 90% battery capacity in 5 hours
<b>External Battery Connector</b>	Anderson SB50 Power Connector #992-BK
<b>Max Suggested External Battery</b>	48V 50Ah
<b>AC Output</b>	100 / 110 / 120 / 125VAC 50/60Hz (Selectable)
<b>AC Output Waveform</b>	Pure Sine Wave
<b>AC Output Harmonic Distortion</b>	THD <2% (Linear Load) THD <7% (Non-Linear Load)
<b>AC Output Overload Capability</b>	105-125% >60s; 126-150% >30s ; Recovery @ 70%
<b>Line to Battery Transfer time</b>	0ms
<b>Inverter Efficiency</b>	>86%
<b>Communications</b>	RS232 , LAN/SNMP
<b>Alarm Function</b>	AC/DC input abnormal, overload condition, inverter malfunction
<b>Protection Function</b>	AC Input above or below specified range, overload, over temperature, short circuit
<b>EMC &amp; Safety Certs</b>	IEC61000-4-2 thru 5; IEC62040-1
<b>Noise</b>	<50dB
<b>Operating Temp</b>	-10 to +40°C (14 to 104°F)
<b>Operating Humidity (RH)</b>	0% - 97% (non condensing)
<b>Storage Temperature</b>	-15 to +45°C (5 to +113°F)
<b>Altitude</b>	If >1000m, 1% derating for every 100m rise
<b>Dimensions (LxWxH)</b>	400 x 440 x 90mm (15.75 x 17.3 x 3.5")
<b>Weight (with 4 LFP Batteries)</b>	12.1kg (26.7lb)
<b>Warranty</b>	3 Years



## System Ordering:

**UPS-RM-2KVA-115V**

2U Rack Mount 115V 2KVA UPS System

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