

### 277VAC to 220VAC Voltage Converter

#### Features

- 400W Total Power
- Converts 277VAC to 220VAC
- Integrated Circuit Breaker for Short and Overload Protection
- Wide Temperature Operation



#### Applications

- Light Pole Powered Surveillance and Wireless
- Light Pole Powered Outdoor UPS Systems
- Led Lighting Systems

#### Description

The **TP-VC277-220VAC** voltage converter changes 277VAC to 220VAC 400W.

277VAC is a voltage commonly found on light poles, including light poles on streets and parking lots. This voltage is typically too high to run common equipment such as outdoor UPS systems, security cameras and wireless equipment. By converting the voltage to 220VAC, most common equipment can be powered. The TP-VC277-220VAC provides a respectable 400W output.

The voltage converter has an integrated circuit breaker to protect against short circuits and other current overloads. It operates over a wide temperature range making it suitable for industrial applications.

The TP-VC277-220VAC is compatible with Tycons TP-BC series of battery chargers. It is also compatible with Tycon's 300W Outdoor UPS Systems like UPS-ST12-200, UPS-ST24-100 or UPS-ST48-50.

#### Specifications

TP-VC277-220VAC	
<b>Input Voltage</b>	277-280VAC 50/60Hz
<b>Input Current</b>	1.5A @ 277VAC at Full Load
<b>Input Connector</b>	Wire Terminal
<b>Output Voltage</b>	220VAC 50/60Hz
<b>Output Power</b>	400W
<b>Minimum Output Current</b>	0A
<b>Maximum Output Current</b>	1.8A
<b>Output Connector</b>	Universal AC Socket
<b>Input Breaker Rating</b>	4.5A
<b>Load Regulation</b>	5%
<b>Efficiency</b>	>97%

<b>Operating Temperature</b>	-20 to +60C (-4 to +140°F)
<b>Operating Humidity (RH)</b>	Up to 90% (non condensing)
<b>Storage Temperature</b>	-25 to +85°C (-13 to +185°F)
<b>Storage Humidity</b>	Up to 90% (non-condensing)
<b>Dimensions (LxWxH)</b>	197 x 125 x 67mm (7.8 x 4.9 x 2.6")
<b>Weight</b>	2.5kg (5.6lb)

**Notes:**

- All shipments F.O.B. Bluffdale, UT 84065
- TP-VC Series carry a 1 year warranty

**Wiring:**

L = Load  
 N = Neutral or Common  
 FG = Earth Ground

**System Ordering:**

**TP-VC277-220VAC** 400W 277VAC to 220VAC Voltage Converter with circuit breaker

**For further information contact:**

[Tyconpower.com](http://Tyconpower.com)



14641 S 800 W Suite A  
 Bluffdale, UT 84065  
 PH: 801-432-0003  
 FAX: 801-618-4220