

### Overview



**VERTILINE**  
VertiLine563

Altronix VertiLine563 is a EIA 19" 1U rack mountable dual independent power supply with optional battery backup that provides 56VDC. It is intended primarily to be used in conjunction with respective Altronix current and future products that requires 56VDC input such as: eBridge-4PCRX, eBridge16PCRX & eBridge1PCRX multi-port & single port IP/PoE over coax adapters. However, it can also be employed wherever 56VDC level power sources are needed.

There are applications, which may require delivering power in a range of 48VDC to 57VDC over CAT5 cable for distances up to 100m. For these applications, transmission at the higher voltage is more efficient, as it reduces cable losses when compared to the lower voltage.

### Specifications

#### **Input:**

- Input 115VAC 60Hz, 4.9 amp.

#### **Output:**

- 56VDC @ 3 amp each output.  
(When using battery backup, output rating is 56V/2.7 amp for respective outputs).

#### **Battery Backup:**

- Built-in charger for sealed lead acid or gel type batteries.\*  
\*External batteries are optional.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 0.3 amp.

#### **Electrical:**

- Operating temperature: 32°F to 104°F (0°C to 40°C).
- 171.9 BTU/Hr.
- System AC input VA requirement: 563.5VA.

#### **Features:**

- Two (2) AC LED indicators.
- IEC 320 - 3-wire grounded line cord (detachable).
- Unit can be rack or shelf mounted.
- 1U rack mount chassis for use in standard EIA 19" rack.

#### **Mechanical:**

- Rack Dimensions (H x W x D approx.):  
1.625" x 19.125" x 8.5"  
(41.275mm x 485.775mm x 215.90mm)
- Product weight (approx.): 7.0 lbs. (3.18 kg.).
- Shipping weight (approx.): 8.3 lbs. (3.76 kg.).

#### **Accessories:**

- **RE2:** Rack mount battery enclosure. Accommodates up to four 12VDC/7AH batteries (batteries not included).

### Agency Approvals



UL/CUL Listed for Information  
Technology Equipment (UL 60950-1).



CE European Conformity



C-Tick compliant.

Z1409

# Rack Mechanical Drawing & Dimensions (H x W x D approx.):

1.625" x 19.125" x 8.5" (41.275mm x 485.775mm x 215.90mm)

