

## DC Voltage Converters

### Features

- High Output, Short Circuit Protected
- Metal Enclosure, DIN rail mounting
- Industrial Temperature Operation
- Isolated Input to Output



TP-VRHP

### Applications

- Security Systems
- Telecom Applications
- Remote Power Systems
- Wireless Base Stations

### Description

The TP-VRHP series of DC to DC converters offer high output voltage conversion in a compact metal enclosure. They have wire terminal inputs and outputs for maximum flexibility. The units come with DIN rail adapters for DIN rail mounting. They provide power output up to 250W.

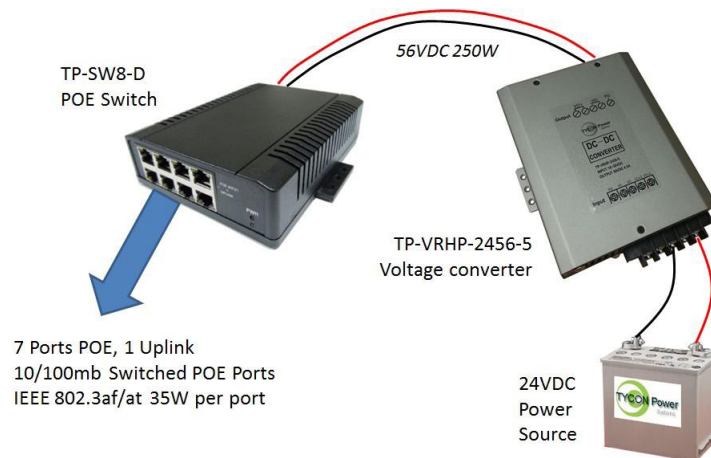
### Specifications

	TP-VRHP-4824	TP-VRHP-1224	TP-VRHP-2424	TP-VRHP-1256	TP-VRHP-2456	TP-VRHP-2456-5
<b>DC Input Voltage Range</b>	+/- 36V to 72VDC	+/- 10 to 15VDC	+/- 18 to 36VDC	+/- 10 to 15VDC	+/- 18 to 36VDC	+/- 18 to 36VDC
<b>DC Voltage Output</b>	24VDC @ 2.5A	24VDC @ 2.9A	24VDC @ 2.9A	56VDC @ 1.25A	56VDC @ 1.25A	56VDC @ 4.46A
<b>Maximum Power</b>	60W	70W	70W	70W	70W	250W
<b>Efficiency</b>	>85%					>83%
<b>Load / Line Regulation</b>	5% / 1%					
<b>Ripple / Noise</b>	2% / 5%					
<b>Isolation Voltage / Ohms</b>	1500VDC Min. / 100M Ohms Min					
<b>Wire Gauge</b>	12AWG Max					
<b>Protections</b>	Short Circuit, Overvoltage, Overload					
<b>Operating Temperature</b>	-22°F to 149°F (-30°C to +65°C)					
<b>Operating Humidity</b>	0 to 90% RH					
<b>Size</b>	5.24 x 3 x 1.5" (133x75x38mm)					5.9 x 7.4 x 1.7" (150x187x43.6mm)
<b>Weight</b>	10.5oz (298g)					2.6lbs (1.2 kg)
<b>Warranty</b>	2 Year					



TP-VRHP-2456-5 250W Converter

### Typical 250W application



### Ordering:

TP -VRHP -1224 10-15VDC IN, 24VDC @ 2.9A 70W Regulated Output  
 TP -VRHP -2424 18-36VDC IN, 24VDC @ 2.9A 70W Regulated Output  
 TP -VR HP -4824 36-72VDC IN, 24VDC @ 2.5A 60W Regulated Output

TP -VRHP -1256 10-15VDC IN, 56VDC @ 1.25A 70W Regulated Output  
 TP -VRHP -2456 18-36VDC IN, 56VDC @ 1.25A 70W Regulated Output  
 TP -VRHP -2456 -5 18-36VDC IN, 56VDC @ 4.46A 250W Regulated Output



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