

### DC Voltage Converters

#### Features

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



TP-VRHP

#### Applications

- Security Systems
- Remote Power Systems
- Telecom Applications
- 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.

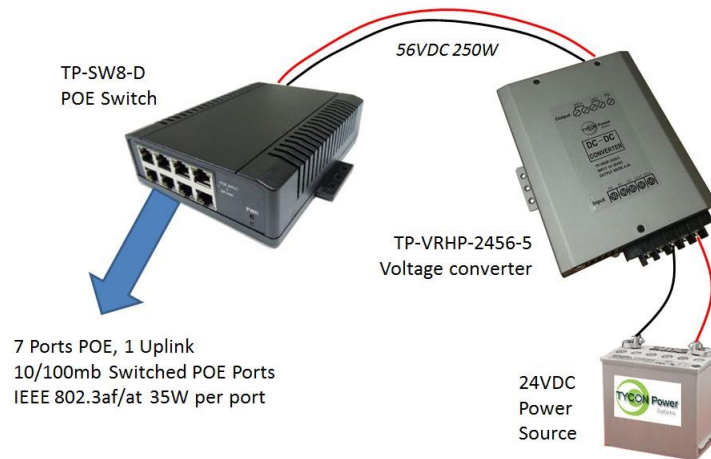
#### Specifications

	TP-VRHP-4824	TP-VRHP-1224	TP-VRHP-2424	TP-VRHP-1256	TP-VRHP-2456	TP-VRHP-4856	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	+/- 36V to 72VDC	+/- 18 to 36VDC
<b>DC Voltage Output</b>	24VDC @ 3A	24VDC @ 2.9A	24VDC @ 2.9A	56VDC @ 1.25A	56VDC @ 1.25A	56VDC @ 1.25A	56VDC @ 4.46A
<b>Maximum Power</b>	70W	70W	70W	70W	70W	70W	250W
<b>Input / Output Isolation</b>	Isolated	Non-Isolated	Non-Isolated	Isolated	Isolated	Isolated	Isolated
<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>	3 Years						



TP-VRHP-2456-5 250W Converter

### Typical 250W application



#### Ordering:

<b>TP-VRHP-1224</b>	10-15VDC IN, 24VDC @ 2.9A 70W Regulated Output, Non-Isolated
<b>TP-VRHP-2424</b>	18-36VDC IN, 24VDC @ 2.9A 70W Regulated Output, Non-Isolated
<b>TP-VRHP-4824</b>	36-72VDC IN, 24VDC @ 2.9A 70W Regulated Output, Isolated
<b>TP-VRHP-1256</b>	10-15VDC IN, 56VDC @ 1.25A 70W Regulated Output, Isolated
<b>TP-VRHP-2456</b>	18-36VDC IN, 56VDC @ 1.25A 70W Regulated Output, Isolated
<b>TP-VRHP-4856</b>	36-72VDC IN, 56VDC @ 1.25A 70W Regulated Output, Isolated
<b>TP-VRHP-2456-5</b>	18-36VDC IN, 56VDC @ 4.46A 250W Regulated Output, Isolated

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