

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
- 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.

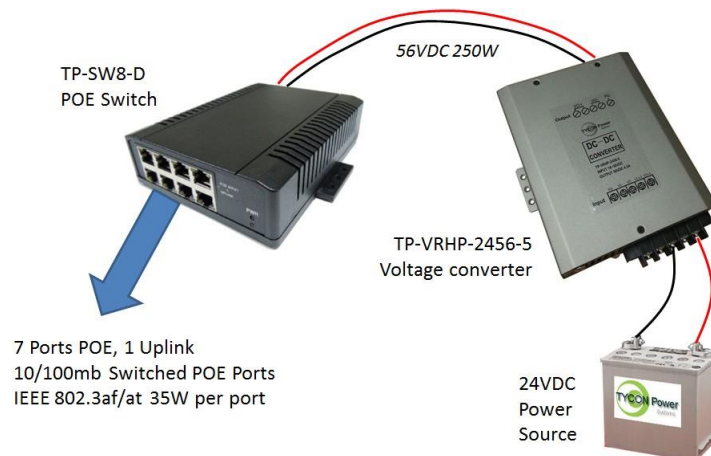
Specifications

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