



## Models and Ratings



Output Voltage	Output Current		Ripple and Noise pk-pk <sup>(2)</sup>	Fan Output	Efficiency <sup>(3)</sup>	Model Number
	Convection-cooled	Forced-cooled <sup>(1)</sup>				
12.0 V	8.33 A	12.50 A	120 mV	12 V/0.5 A	91%	ECP150PS12†^
15.0 V	6.67 A	10.00 A	150 mV	12 V/0.5 A	91%	ECP150PS15†^
24.0 V	4.17 A	6.25 A	240 mV	12 V/0.5 A	91%	ECP150PS24†^
28.0 V	3.50 A	5.40 A	280 mV	12 V/0.5 A	92%	ECP150PS28†^
48.0 V	2.08 A	3.10 A	480 mV	12 V/0.5 A	92%	ECP150PS48†^

### Notes

1. Requires 15 CFM.

2. Measured with 20 MHz bandwidth and 10  $\mu$ F electrolytic capacitor in parallel with 0.1  $\mu$ F ceramic capacitor

3. Minimum average efficiencies measured at 25%, 50%, 75% & 100% of 150 W load and 230 VAC input.

## Mechanical Details

TB1 - Input Connector	
Pin 1	Neutral
Pin 2	Not Fitted
Pin 3	Line

Mates with JST housing  
VHR-3N and JST Series  
SVH-21T-P1.1 crimp terminals

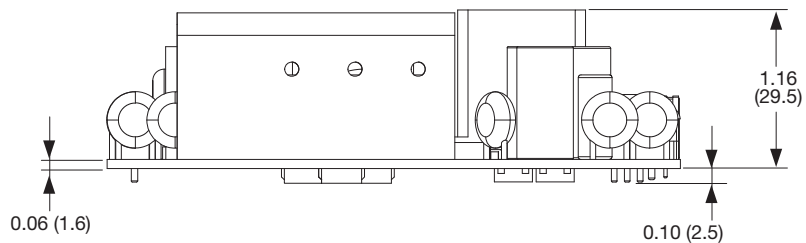
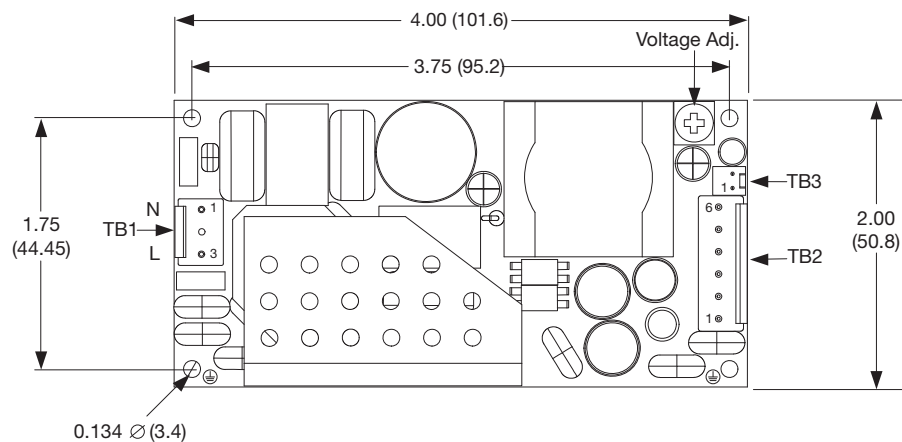
Mounting holes marked with  $\oplus$  must be connected to safety earth

TB2 - Output Connector	
Pin 1	-Vout
Pin 2	-Vout
Pin 3	-Vout
Pin 4	+Vout
Pin 5	+Vout
Pin 6	+Vout

Mates with JST housing  
VHR-6N and JST Series  
SVH-21T-P1.1 crimp terminals

TB3 - Fan Connector	
Pin 1	Fan -
Pin 2	Fan +

Mates with Molex housing  
22-01-1022 and 2759 crimp  
terminals



### Notes

1. All dimensions shown in inches (mm).  
Tolerance:  $\pm 0.02$  (0.5)

2. Weight: 0.42 lbs (190 g) approx.

## Derating Curve

