



PVI series

40 to 110 watts

Features:

- *Universal AC Input; 90-264*
- *Single, Dual and Triple Outputs*
- *Modified and Custom Designs Available*

Ideally Suited For:

- *Disk and Tape Drives*
- *Telephone Switches*
- *Computing*



Input Characteristics

Input Voltage:	90-264 VAC
Efficiency	75% typical
Input Frequency:	47-63 Hz (consult factory for >63 Hz)
Hold Up Time:	20 mSec at nominal input and full load

Output Characteristics

Line Regulation:	+/-0.5% typical
Load Regulation:	Main Output : +/-1% from 10% to 100% load Auxiliary Outputs: +/-3.5% from 10% to 100% load
Ripple and Noise:	1% pk-pk of Vout
Transient Response (50% load change)	2% maximum deviation; outputs return to regulation within 1.0 mSec maximum
Overload Protection:	Power limiting with auto recovery at 125% rated load
Short Circuit Protection:	Continuous without damage; auto recovery
Over Voltage Protection:	Main output only

Environmental Characteristics

Operating Temperature Range:	0°C to 50°C continuous duty full rating. Derate linearly to 50% of full rating at 71°C
Storage Temperature Range:	-20°C to +85°C
Temperature Coefficient:	0.02%/degree C
Humidity:	Up to 95% non-condensing
Reliability (MTBF per Mil-HDBK-217):	>100,000 hours
Cooling:	fan cooling required. Consult factory

General Characteristics

Isolation (Input to Output):	3750 VAC min.
Size:	See case drawings
Weight:	Varies by model, consult factory
Agency Approvals	UL, CUL, DEMKO and CE mark



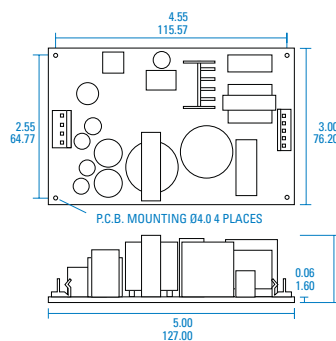


Available Models

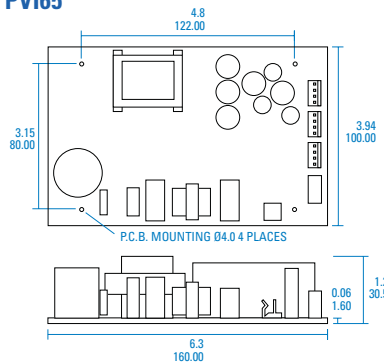
Model	Main Output VDC/Amps	Auxiliary 1 Output Current VDC/Amps/Peak Amps	Auxiliary 2 Output Current VDC/Amps	Auxiliary 3 Output Current VDC/Amps
PVI-40-21TA	+5 / 3.0	+12/2.02/4.5		
PVI-50-21TA	+5/ 3.0	+12/3.0/5.5		
PVI-65-30X	+5/ 5.0	+12/2.0/—	-12/1.5	
PVI-80-21	+5/6.0	+12/6.0/13.0		
PVI-80-30	+5/8.0	+12/2.0/4.0	-12/2.0	
PVI-80-34	+5/8.0	+15/1.5/3.0	-15/1.5	
PVI-80-37	+5/8.0	+12/0.5/1.0	-5.2/4.0	
PVI-90-30	+5/10.0	+12/3.0/4.0	-12/1.5	
PVI-90-32	+5/10.0	+24/1.5/3.0	-12/1.5	
PVI-90-34	+5/10.0	+15/2.0/4.0	-15/1.5	
PVI-90-40	+5/10.0	+12/2.0/3.0	-12/1.5	-5/1.5
PVI-90-43	+5/10.0	+15/2.5/4.0	-15/1.5	-5/1.5
PVI-90-44	+5/10.0	+12/3.0/4.0	+12/1.5	-12/1.0
PVI-110-31T	+5/14.0	+12/3.0/3.0	-12/0.5	
PVI-110-32	+5/10.0	+24/1.5/3.0	-12/1.5	
PVI-110-34	+5/10.0	+15/2.0/4.0	-15/1.5	

Outline Drawing

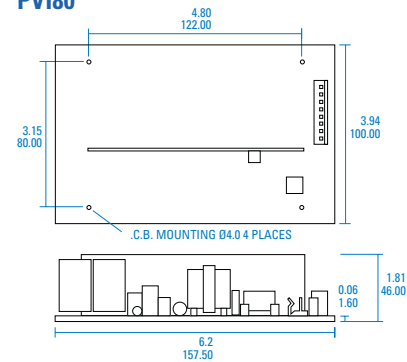
PVI50



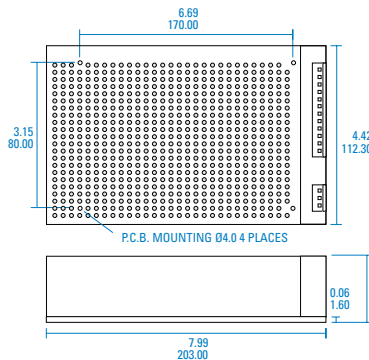
PVI65



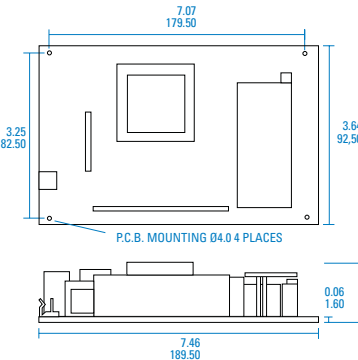
PVI80



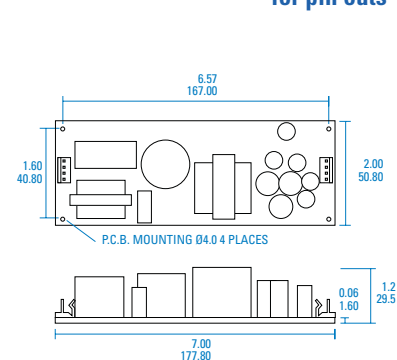
PVI90



PVI110



PVI140



**Consult factory
for pin outs**

All specifications are typical at 25 degrees C with nominal input voltage and full output unless otherwise noted. Specifications are subject to change without notice. All dimensions are typical.