

ACCELEROMETER POWER SUPPLIES/AMPLIFIERS

AC POWERED, SINGLE CHANNEL, AND TRIAXIAL SUPPLY



ACC-PS3A
AC power supply
shown smaller than
actual size.



ACC-PS4A, triaxial
supply shown smaller
than actual size.



ACC-PS3A

- ✓ AC Powered
- ✓ Low Cost
- ✓ High Performance, Single Channel
- ✓ Low Noise

OMEGA's ACC-PS3A is an AC-powered, single-channel, high-performance accelerometer power supply. This low-cost unit features low noise and a rugged aluminum housing with 4 easily accessible mounting holes on 121 x 44 mm (4.75 x 1.75") centers.

SPECIFICATIONS

	ACC-PS1	ACC-PS2
No. of Channels	1	1
Excitation Voltage (Vdc)	24	24
Excitation Current (mA)	2	2
Voltage Gain ($\pm 2\%$)	1x	1x
Output Signal FS Peak (Vdc)	10	10
Noise (mVrms) (0 to 10 kHz)	0.2	0.2
Input Power	115 Vac or 230 Vac	115 Vac or 230 Vac
Accel. Connector	BNC	4-pin female
Output Connector	BNC	BNC
Dimensions: mm (inch)	135 x 43 x 66 (5.3 x 1.7 x 2.6)	135 x 43 x 66 (5.3 x 1.7 x 2.6)
Weight, g (oz)	624 (22)	624 (22)

ACC-PS4A

- ✓ Powers All 3 Axes on Triaxial Accelerometer ACC301
- ✓ AC Powered

OMEGA's ACC-PS4A is an AC-powered, triaxial, high-performance power supply for use with the ACC301 triaxial accelerometer. It outputs the signal from all 3 axes. Along with low noise, this line-powered supply features a rugged aluminum housing with 4 easily accessible mounting holes on 121 x 44 mm (4.75 x 1.75") centers.

To Order	
MODEL NO.	DESCRIPTION
ACC-PS3A	Single-channel power supply, 115 Vac power
ACC-PS4A*	Triaxial power supply, 115 Vac power
INTERFACE CABLES USED BETWEEN POWER SUPPLY AND INSTRUMENTATION	
MODEL NO.	DESCRIPTION
ACC-CB4-15	4.6 m (15') coaxial cable (BNCM/BNCM)
ACC-CB5-2	0.6 m (2') coaxial cable (BNCM/banana plug)
ACC-CB6	178 mm (7") coaxial cable (BNCM/pigtail)

* For use with triaxial accelerometers only.
Visit us online for details on the above cable accessories.
Comes complete with operator's manual.

Ordering Example: ACC-PS3A, 115 Vac powered single-channel power supply.

To order with 230 Vac power, add suffix "-230V" to model number, no additional charge.

To order without mounting feet, add suffix "-NMF" to model number, no additional charge.