

ACCELEROMETER POWER SUPPLIES/AMPLIFIERS

AC POWERED, SINGLE CHANNEL, AND TRIAXIAL SUPPLY



ACC-PS3A
AC power supply,
\$475, shown smaller
than actual size.



ACC-PS4A, triaxial
supply, \$955, shown
smaller than actual size.

ACC-PS3A
\$475

ACC-PS4A
\$955

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

See Section Y for a
Selection of Scientific,
Technical, and Reference
Books Available from
omega.com

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-PS3A | ACC-PS4A |
|------------------------------|------------------------------|------------------------------------|
| No. of Channels | 1 | 3 |
| Excitation Voltage (Vdc) | 24 | 24 |
| Excitation Current (mA) | 2 | 2 |
| Voltage Gain ($\pm 2\%$) | 1x | 1x |
| Output Signal FS Peak (Vdc) | 10 | 10 |
| Noise (mV rms) (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 (in) | 102 x 51 x 76 (4 x 2 x 3) | 135 x 43 x 66 (5.3 x 1.7 x 2.6) |
| Weight, g (oz) | 624 (22) | 624 (22) |

- ✓ 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.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

| MODEL NO. | PRICE | DESCRIPTION |
|-----------|-------|--|
| ACC-PS3A | \$475 | Single-channel power supply, 115 Vac power |
| ACC-PS4A* | 955 | Triaxial power supply, 115 Vac power |

| INTERFACE CABLES USED BETWEEN POWER SUPPLY AND INSTRUMENTATION | | |
|--|-------|---|
| MODEL NO. | PRICE | DESCRIPTION |
| ACC-CB4-15 | \$65 | 4.6 m (15') coaxial cable (BNCM/BNCM) |
| ACC-CB5-2 | 35 | 0.6 m (2') coaxial cable (BNCM/banana plug) |
| ACC-CB6 | 15 | 178 mm (7") coaxial cable (BNCM/pigtail) |

* For use with triaxial accelerometers only.

Note: See page K-18 for details on the above cable accessories. Comes complete with operator's manual.

Ordering Example: ACC-PS3A, 115 Vac powered single-channel power supply, \$475.

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.



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• Heaters

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