

ACCELEROMETER POWER SUPPLIES/AMPLIFIERS BATTERY POWERED



ACC-PS1 shown smaller than actual size.

ACC-PS1



✓ Battery Powered

✓ High

✓ Low

DISCONTINUED

OMEGA's ACC-PS1 is a battery-powered, single-channel, high-performance accelerometer power supply. Powered by two 9V batteries, it features low noise and a low-battery LED indicator.

SPECIFICATIONS

	ACC-PS1	ACC-PS2
No. of Channels	1	1
Excitation Voltage (Vdc)	18	24
Excitation Current (mA)	2	2
Voltage Gain ($\pm 2\%$)	1x	1x, 10x, 100x
Output Signal FS Peak (Vdc)	10	10
Noise (mVrms) (0 to 10 kHz)	0.06	0.002
Input Power	(2) 9V battery	(3) 9V battery
Battery Life	80 hr	12 hr
Accel. Connector	BNC	BNC
Output Connector	BNC	BNC
Dimensions: mm (inch)	133 x 66 x 44 (5.25 x 2.6 x 1.75)	66 x 43 x 135 (2.6 x 1.7 x 5.3)
Weight, g (oz)	31 (11)	70 (25)



ACC-PS2 shown smaller than actual size.

ACC-PS2

- ✓ Amplifies Signal Up to 100x
- ✓ Rechargeable Battery Power with Charger Included
- ✓ High Performance, Single Channel

OMEGA's ACC-PS2 is a low-noise, single-channel, high-performance accelerometer power supply/amplifier. It is powered by a rechargeable Ni-Cad battery with detachable charger (included). Features include a 3-position gain (for amplification of 1x, 10x, 100x), LED low-battery indicator, overlimit (clipping) indicator, and fault indicator. The rugged aluminum housing contains 4 easily accessible mounting holes with 121 x 44 mm (4.75 x 1.75") centers.

To Order

MODEL NO.	DESCRIPTION
ACC-PS1 DISCONTINUED	Battery-powered, single-channel power supply DISCONTINUED
ACC-PS2	Rechargeable battery, single-channel power supply/amplifier
ACC-PS2-220V	Power supply rechargeable 220V
ACC-PS2-CHARGER-220V	Replacement charger 220V

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)

Visit us online for accessories.

Comes complete with operator's manual.

Ordering Example: ACC-PS2, with rechargeable battery and charger, single-channel power supply/amplifier, ACC-CB4-15, 4.6 m (15') coaxial interface cable, ACC102A, accelerometer.

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.