

Batteries Housed In 6000 Series Addressable Control Panels


The 6000 series addressable control panels can easily house two (2) 12 Volt - 7AH or 18 AH batteries inside the panel's enclosure. Due to the width of most 12 AH batteries they will not fit inside of the control panel, however we have identified a specific model of battery made by Power Sonic (PS-12120L) shown below that is narrow enough to be housed inside the control panel.

POWER SONIC

PS-12120L 12 Volt 12.0 AH

Rechargeable Sealed Lead Acid Battery

We've Got The Power.™

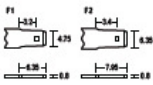


Features

- Absorbent Glass Mat (AGM) technology for superior performance
- Valve regulated, spill proof construction allows safe operation in any position
- Power/volume ratio yielding unrivaled energy density
- Rugged impact resistant ABS case and cover (UL94-HB)
- Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified
- U.L. recognized under file number MH 20845

Terminals (mm)

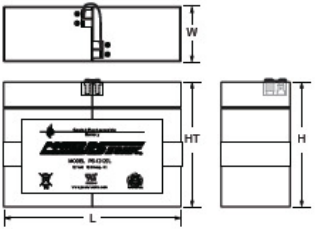
- FP: Positive: 0.250" x 0.032", Negative: 0.187" x 0.032".
 Mate with AMP, INC FASTON #250/187 series



Performance Specifications

Nominal Voltage	12 volts (6 cells)
Nominal Capacity	
20-hr. (800mA to 10.50 volts)	12.0 AH
10-hr. (1.19A to 10.50 volts)	11.9 AH
5-hr. (2.21A to 10.20 volts)	11.1 AH
1-hr. (8A to 9.00 volts)	8.00 AH
15-min. (25.5A to 9.00 volts).....	8.38 AH
Approximate Weight	8.80 lbs. (3.99 kg)
Energy Density (20-hr. rate)	1.08 W-h/in ³ (65.77 W-h/l)
Specific Energy (20-hr. rate)	18.36 W-h/lb (36.08 W-h/kg)
Internal Resistance (approx.)	25 milliohms
Max Discharge Current (7 Min.).....	36.0 amperes
Max Short-Duration Discharge Current (10 Sec.).....	50.0 amperes
Shelf Life (% of nominal capacity at 68°F (20°C))	
1 Month	97%
3 Months.....	91%
6 Months	83%
Operating Temperature Range	
Charge.....	-4°F (-20°C) to 122°F (50°C)
Discharge.....	-40°F (-40°C) to 140°F (60°C)
Case	ABS Plastic
Power-Sonic Chargers	PSC-122000A, 122000A-C

Physical Dimensions: in (mm)



L: 8.45 (215) W: 2.75 (70) H: 5.75 (148) HT: 5.75 (148)
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

To ensure safe and efficient operation always refer to the latest edition of our Technical Manual, as published on our website.
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www.power-sonic.com