PS-Series General Purpose Batteries

All PS Series batteries feature:

- 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.
- 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.
- CE certified.







2-volt

4-Volt

6-Volt





8-Volt 12-Volt



PS-1227 12 Volt 2.9 AH

Rechargeable Sealed Lead Acid Battery



We've Got The Power.™

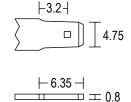




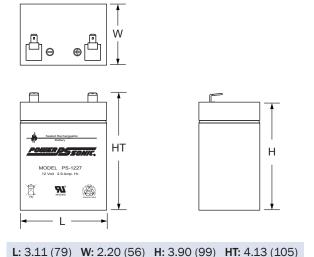
Terminals

(mm)

• F1 - Quick disconnect tabs, 0.187" x 0.032"-Mate with AMP. INC. FASTON "187" series



Physical Dimensions: in (mm)



Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.

Features

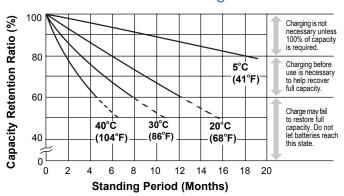
- Absorbent Glass Mat (AGM) technology for superior performance
- Valve regulated, spill proof construction allows safe operation in any position
- Power/volume ratio yielding unrivaled energy density
- Rugged impact resistant ABS case and cover (UL94-HB)
- Approved for transport by air. D.O.T., I.A.T.A.,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

Performance Specifications

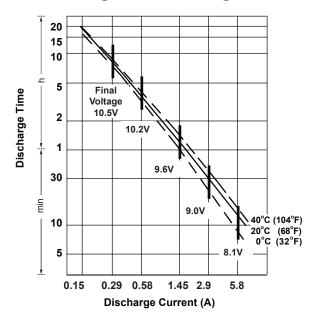
| Nominal Volta | 12 volts (6 cells) |
|---------------------|---|
| Nominal Capa | ıcity |
| 20-hr. (14 | 5mA to 10.50 volts) 2.90 AH |
| 10-hr. (26 | 60mA to 10.50 volts) 2.60 AH |
| 5-hr. (49 | OmA to 10.20 volts) 2.45 AH |
| 1-hr. (1. | 8A to 9.00 volts) 1.80 AH |
| 15-min. (5. | 68A to 9.00 volts) |
| Approximate | Weight 2.40 lbs. (1.09 kg) |
| Energy Densi | ty (20-hr. rate) 1.30 W-h/in3 (79.58 W-h/l) |
| Specific Ener | gy (20-hr. rate) 14.50 W-h/lb (31.97 W-h/kg) |
| Internal Resi | stance (approx.) |
| Max Discharg | Ge Current (7 Min.) 8.7 amperes |
| Max Short-Du | ration Discharge Current (10 Sec.) 29.0 amperes |
| Shelf Life (% | of nominal capacity at 68°F (20°C)) |
| 1 Month | |
| 3 Months | |
| 6 Months | |
| Operating Te | nperature 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-12300A, 12500A, 12300A-C, 12500A-C |



Shelf Life & Storage



Discharge Time vs. Discharge Current



Charging

Cycle Applications: Limit initial current to 870mA. Charge until battery voltage (under charge) reaches 14.4 to 14.7 volts at 68°F (20°C). Hold at 14.4 to 14.7 volts until current drops to under 29mA. Battery is fully charged under these conditions, and charger should be disconnected or switched to "float" voltage.

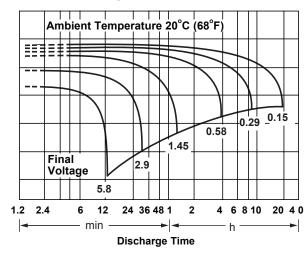
"Float" or "Stand-By" Service: Hold battery across constant voltage source of 13.5 to 13.8 volts continuously. When held at this voltage, the battery will seek its own current level and maintain itself in a fully charged condition.

Note: Due to the self-discharge characteristics of this type of battery, it is imperative that they be charged within 6 months of storage, otherwise permanent loss of capacity might occur as a result of sulfation.

Chargers

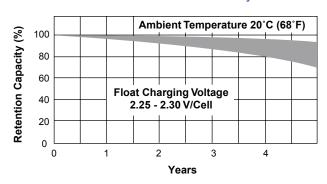
Power-Sonic offers a wide range of chargers suitable for batteries up to 100AH. Please refer to the Charger Selection Guide in our specification sheets for "C-Series Switch Mode Chargers" and "Transformer Type A and F Series". Please contact our Technical department for advice if you have difficulty in locating suitable models.

Discharge Characteristics

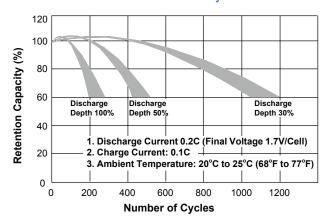


Terminal Voltage (V)

Life Characteristics in Stand-By Use



Life Characteristics in Cyclic Use





Engineered With Vision. Built With Care.

Power-Sonic has more than 38 years of battery industry experience and today our batteries are sold in more than 70 countries world-wide. Since our inception in 1970, our focus has been the design, manufacture and marketing of rechargeable batteries, specifically:

- Sealed lead-acid (SLA), also called valve regulated leadacid (VRLA) batteries
- · Powersport batteries
- Sealed nickel-cadmium (NiCd) and nickel-metal hydride (NiMH) batteries
- · NiCd and NiMH configured packs (cell assemblies)
- · SLA battery chargers
- · NiCd and NiMH battery chargers

Our products are widely used in an ever broadening range of electronic and industrial applications. Our batteries continue to be used wherever cost effective and reliable DC power is required, be it as the principal power or standby power source.

Our aim is the ongoing improvement of our existing products, coupled with the development of new tailored products, to meet the ever increasing needs for stand alone power. Our advanced engineering techniques and state-of-the-art manufacturing processes ensure that we remain on the cutting edge of battery technology. These skills, coupled with our selection of the finest raw materials, allow us to produce batteries combining superior performance and value.

Providing our customers with reliable, yet economical, products is the cornerstone of our mission.

Features

Sealed/Maintenance-Free

The valve regulated, spill-proof construction allows troublefree, safe operation in any position. There is no need to add electrolyte, as gases generated during overcharge are recombined in a unique "oxygen cycle."

Valve Regulated Design

Our batteries incorporate a series of one-way low pressure valves. These self sealing valves allow the venting of any excess gasses that may be produced in the battery due to severe overcharging. Valve regulated batteries should never be recharged inside a sealed container.

Design Flexibility

Batteries may be used in series and/or parallel to obtain choice of voltage and capacity. Due to recent design breakthroughs, the same battery may be used in either cyclic or standby applications. Over 60 models are available to choose from.

Compact

Power-Sonic batteries use state-of-the-art design, high grade materials, and a carefully controlled plate-making process to provide excellent output per cell. The high energy density results in superior power/volume and power/weight ratios.

Rugged Construction

The high impact resistant battery case is made of non-conductive ABS plastic to UL94-HB. This material imparts very good resistance to shock, vibration, chemicals and heat. Certain models feature flame retardant (FR) cases/covers to UL94 V-O.

Wide Operating Temperature Range

Power-Sonic batteries may be discharged over a temperature range of -40 $^{\circ}$ C to +60 $^{\circ}$ C (-40 $^{\circ}$ F to +140 $^{\circ}$ F) and charged at temperatures ranging from -40 $^{\circ}$ C to +50 $^{\circ}$ C (-40 $^{\circ}$ F to +122 $^{\circ}$ F).

Long Service Life

Under normal operating conditions, four or five years of dependable service life can be expected in stand-by applications, or between 200 and 1000 charge/ discharge cycles depending on the average depth of discharge.

Deep Discharge Recovery

Special separators, advanced plate composition, and a carefully balanced electrolyte system have greatly improved the ability to recover from excessively deep discharge.

Lead Calcium Plates

Heavy duty lead calcium plates provide an extra margin of performance and life in both cyclic and float applications and give unequaled recovery from deep discharge.

Economical

The high watt-hour per dollar value is made possible by the materials used in a sealed lead-acid battery: they are readily available and low in cost.

Operation in any Orientation

Our SLA batteries can be discharged in any orientation, without reduction in performance or leakage of electrolyte.

High Rate Discharge

Low internal resistance allows discharge currents of up to ten times the battery's rated capacity. Relatively small batteries may thus be specified in applications requiring high peak currents.

Long Shelf Life

A low self discharge rate allows storage of fully charged batteries for extended periods of time before charging is required. Lower storage temperatures further enhance shelf life characteristics.

PS and PSG-SERIES: General Purpose Batteries

| Model | Nominal | Nominal Capacity A.H. | Current @ 20-hr. rate mA | Length | | Width | | Height | | Ht. Over Terminal | | Weight | | Standard |
|---------------------------|--------------|-----------------------------|--------------------------------|--------|-----|-------|-----|--------|-----|-------------------|-----|--------|-------|------------|
| | Voltage V | | | in. | mm | in. | mm | in. | mm | in. | mm | lbs. | kgs. | Terminals |
| PS-260 | 2 | 6.0 | 300 | 1.97 | 50 | 1.34 | 34 | 3.94 | 100 | 4.13 | 105 | 0.89 | 0.40 | F1 |
| PS-445 | 4 | 4.5 | 225 | 1.89 | 48 | 2.09 | 53 | 3.70 | 94 | 3.86 | 98 | 1.30 | 0.59 | F2 |
| PSG-450 | 4 | 5.0 | 250 | 3.54 | 90 | 1.94 | 49 | 2.87 | 73 | 2.87 | 73 | 1.40 | 0.64 | F2 |
| PSG-480 | 4 | 8.0 | 400 | 3.54 | 90 | 1.94 | 49 | 4.00 | 102 | 4.00 | 102 | 2.09 | 0.95 | F2 |
| PS-490 | 4 | 9.0 | 450 | 4.01 | 102 | 1.73 | 44 | 3.74 | 95 | 4.02 | 102 | 2.20 | 1.00 | F2 |
| PS-4100 | 4 | 10.0 | 500 | 4.01 | 102 | 1.97 | 50 | 3.70 | 94 | 3.85 | 98 | 2.50 | 1.13 | F1 |
| PS-605 | 6 | 0.5 | 25 | 2.24 | 57 | 0.55 | 14 | 1.97 | 50 | 1.97 | 50 | 0.20 | 0.09 | WL |
| PS-610 | 6 | 1.1 | 55 | 2.00 | 51 | 1.65 | 42 | 2.00 | 51 | 2.20 | 56 | 0.44 | 0.20 | F1 |
| PS-612 | 6 | 1.4 | 70 | 3.82 | 97 | 0.94 | 24 | 2.00 | 51 | 2.20 | 56 | 0.66 | 0.30 | F1 |
| PSG-625 | 6 | 2.5 | 125 | 4.15 | 105 | 1.63 | 41 | 2.70 | 69 | 2.70 | 69 | 1.17 | 0.53 | F1 |
| PS-628 | 6 | 2.9 | 145 | 2.60 | 66 | 1.30 | 33 | 3.86 | 98 | 4.06 | 103 | 1.30 | 0.59 | F1 |
| PS-630 | 6 | 3.5 | 175 | 5.28 | 134 | 1.34 | 34 | 2.35 | 60 | 2.56 | 65 | 1.37 | 0.62 | F1 |
| PS-632 | 6 | 3.5 | 175 | 2.60 | 66 | 1.30 | 33 | 4.65 | 118 | 4.80 | 122 | 1.37 | 0.62 | F1 |
| PS-640 | 6 | 4.5 | 225 | 2.76 | 70 | 1.86 | 47 | 3.94 | 100 | 4.25 | 108 | 1.60 | 0.73 | F1 |
| PS-650LS & LF | 6 | 5.0 | 250 | 2.64 | 67 | 2.64 | 67 | 3.94 | 100 | 4.64 | 118 | 1.80 | 0.82 | F1 or SP |
| PSG-650 | 6 | 5.0 | 250 | 5.28 | 134 | 1.94 | 49 | 3.00 | 76 | 3.00 | 76 | 2.15 | 0.98 | F2 |
| PS-665 | 6 | 6.5 | 325 | 3.86 | 98 | 2.20 | 56 | 3.78 | 96 | 4.02 | 102 | 2.70 | 1.22 | FP |
| PS-670 | 6 | 7.0 | 350 | 5.95 | 151 | 1.34 | 34 | 3.70 | 94 | 3.94 | 100 | 2.42 | 1.10 | F1 |
| PSG-680 | 6 | 8.0 | 400 | 5.28 | 134 | 1.94 | 49 | 3.98 | 101 | 3.98 | 101 | 3.19 | 1.45 | F2 |
| PS-682 | 6 | 9.0 | 450 | 3.86 | 98 | 2.20 | 56 | 4.65 | 118 | 4.72 | 120 | 3.20 | 1.45 | F1 |
| PS-6100 | 6 | 12.0 | 600 | 5.95 | 151 | 2.00 | 51 | 3.70 | 94 | 3.86 | 98 | 4.30 | 1.95 | F1 or F2 |
| PS-6120FP | 6 | 12.0 | 600 | 4.25 | 108 | 2.80 | 71 | 5.55 | 141 | 5.55 | 141 | 4.80 | 2.18 | FP |
| PS-6120 Toy | 6 | 13.0 | 650 | 4.25 | 108 | 2.80 | 71 | 5.55 | 141 | 5.55 | 141 | 4.80 | 2.18 | TH or TS |
| PS-6200 | 6 | 20.0 | 1000 | 6.18 | 157 | 3.27 | 83 | 4.92 | 125 | 4.92 | 125 | 7.10 | 3.22 | NB1 |
| PS-6360 | 6 | 36.0 | 1800 | 6.25 | 159 | 3.35 | 85 | 6.50 | 165 | 6.93 | 176 | 12.10 | 5.49 | F2 or NB1 |
| PS-6580 | 6 | 58.0 | 2900 | 7.28 | 185 | 4.41 | 112 | 8.07 | 205 | 8.07 | 205 | 19.50 | 8.85 | F2 |
| PS-62000 | 6 | 210.0 | 10500 | 12.05 | 306 | 6.65 | 169 | 8.65 | 220 | 8.96 | 228 | 63.93 | 29.00 | T8 |
| PS-832 | 8 | 3.2 | 160 | 5.29 | 134 | 1.42 | 36 | 2.49 | 63 | 2.70 | 69 | 1.65 | 0.75 | F1 |
| PS-1208 | 12 | 0.8 | 40 | 3.78 | 96 | 0.98 | 25 | 2.44 | 62 | n/a | n/a | 0.77 | 0.35 | WL |
| PS-1212 | 12 | 1.4 | 70 | 3.78 | 96 | 1.69 | 43 | 2.04 | 52 | 2.28 | 58 | 1.20 | 0.54 | F1 |
| PS-1220 | 12 | 2.5 | 125 | 7.00 | 178 | 1.38 | 35 | 2.36 | 60 | 2.56 | 65 | 2.10 | 0.95 | F1 |
| PS-1221 | 12 | 2.0 | 100 | 5.63 | 143 | 0.94 | 24 | 2.56 | 65 | 2.56 | 65 | 1.30 | 0.59 | PC |
| PS-1221S | 12 | 2.0 | 100 | 5.91 | 150 | 0.80 | 20 | 3.52 | 89 | n/a | n/a | 1.50 | 0.68 | F1/0 |
| PS-1223 | 12 | 2.3 | 115 | 7.17 | 182 | 0.94 | 24 | 2.40 | 61 | 2.40 | 61 | 1.70 | 0.77 | PC |
| PS-1227 | 12 | 2.9 | 145 | 3.11 | 79 | 2.20 | 56 | 3.90 | 99 | 4.13 | 105 | 2.40 | 1.09 | F1 |
| PS-1228 | 12 | 2.8 | 140 | 5.24 | 133 | 1.30 | 33 | 3.82 | 97 | 4.09 | 104 | 2.60 | 1.18 | F1 |
| PS-1229 | 12 | 2.9 | 145 | 7.00 | 178 | 1.38 | 35 | 2.36 | 60 | 2.60 | 66 | 2.30 | 1.04 | F1 |
| PS-1230 | 12 | 3.4 | 170 | 5.24 | 133 | 2.64 | 67 | 2.36 | 60 | 2.60 | 66 | 2.90 | 1.32 | F1 |
| PS-1238 | 12 | 3.8 | 190 | 7.68 | 195 | 1.85 | 47 | 2.91 | 74 | 2.91 | 74 | 3.50 | 1.59 | F1 |
| PS-1250 | 12 | 5.0 | 250 | 3.54 | 90 | 2.76 | 70 | 3.98 | 101 | 4.21 | 107 | 3.50 | 1.59 | F1 or F2 |
| PS-1251FP | 12 | 5.4 | 270 | 5.50 | 140 | 1.90 | 48 | 4.00 | 102 | 4.06 | 103 | 4.10 | 1.86 | FP |
| PS-1270 | 12 | 7.0 | 350 | 5.95 | 151 | 2.56 | 65 | 3.70 | 94 | 3.86 | 98 | 4.80 | 2.18 | F1 or F2 |
| PS-1272 | 12 | 7.2 | 360 | 5.95 | 151 | 2.56 | 65 | 3.70 | 94 | 3.86 | 98 | 5.80 | 2.63 | F1 or F2 |
| PS-1282L | 12 | 9.0 | 450 | 7.72 | 196 | 2.20 | 56 | 4.65 | 118 | 4.65 | 118 | 6.90 | 3.13 | F1 |
| PS-1282S | 12 | 9.0 | 450 | 3.86 | 98 | 4.40 | 112 | 4.65 | 118 | 4.65 | 118 | 6.90 | 3.13 | F1 |
| PS-1290 | 12 | 9.0 | 450 | 5.95 | 151 | 2.56 | 65 | 3.70 | 94 | 3.86 | 98 | 6.00 | 2.72 | F2 |
| PS-12100 | 12 | 12.0 | 600 | 5.95 | 151 | 4.00 | 102 | 3.70 | 94 | 3.86 | 98 | 8.14 | 3.69 | F1 or F2 |
| PS-12120 | 12 | 12.0 | 600 | 5.95 | 151 | 3.86 | 98 | 3.70 | 94 | 3.94 | 100 | 7.92 | 3.59 | F2 |
| PS-12120L | 12 | 12.0 | 600 | 8.45 | 215 | 2.75 | 70 | 5.75 | 146 | 5.75 | 146 | 8.80 | 3.99 | FP |
| PS-12140 | 12 | 14.0 | 700 | 5.95 | 151 | 3.86 | 98 | 3.70 | 94 | 3.94 | 100 | 9.25 | 4.20 | F2 |
| PS-12180 | 12 | 18.0 | 900 | 7.13 | 181 | 3.00 | 76 | 6.59 | 167 | 6.59 | 167 | 12.60 | 5.72 | F2 or NB2 |
| * ED: 111 04 \/ 0 flame / | | | 000 | 7.10 | 101 | 0.00 | 10 | 0.00 | 101 | 0.00 | 107 | 12.00 | U.1 Z | 12 01 1102 |

^{*} FR: UL94 V-0 flame retardant case & cover

All data subject to change without notice.

PS and PSG-SERIES: General Purpose Batteries (continued)

| | Nominal | | Current @ | Length | | Width | | Height | | Ht. Over Terminal | | Weight | | Standard |
|--------------|--------------|------------------|-------------------|--------|-----|-------|-----|--------|-----|-------------------|-----|--------|-------|-----------|
| Model | Voltage V | Capacity A.H. | 20-hr. rate mA | in. | mm | in. | mm | in. | mm | in. | mm | lbs. | kgs. | Terminals |
| PS-12260 | 12 | 26.0 | 1300 | 6.56 | 167 | 6.97 | 177 | 4.92 | 125 | 4.92 | 125 | 17.00 | 7.71 | F2 or NB2 |
| PS-12280 | 12 | 28.0 | 1400 | 6.50 | 165 | 4.92 | 125 | 6.97 | 177 | 6.97 | 177 | 20.70 | 9.39 | NB1 |
| PS-12350 | 12 | 35.0 | 1750 | 7.80 | 198 | 5.20 | 132 | 6.22 | 158 | 7.07 | 180 | 24.70 | 11.20 | NB3 |
| PS-12400 | 12 | 40.0 | 2000 | 7.76 | 197 | 6.50 | 165 | 6.69 | 170 | 6.69 | 170 | 29.10 | 13.20 | NB4 |
| PS-12550 | 12 | 55.0 | 2750 | 9.04 | 230 | 5.45 | 138 | 8.15 | 207 | 8.98 | 228 | 36.00 | 16.33 | U |
| PS-12750 | 12 | 75.0 | 3750 | 10.25 | 260 | 6.60 | 168 | 8.15 | 207 | 8.98 | 228 | 50.60 | 22.95 | U |
| PS-121000 | 12 | 100.0 | 5000 | 12.00 | 305 | 6.60 | 168 | 8.15 | 207 | 8.98 | 228 | 68.00 | 30.84 | U |
| PS-1211000 | 12 | 110.0 | 5500 | 13.00 | 330 | 6.73 | 171 | 8.35 | 212 | 8.66 | 220 | 69.50 | 31.52 | T11 |
| PS-121400FR* | 12 | 140.0 | 7000 | 13.50 | 343 | 6.73 | 171 | 10.80 | 274 | 11.15 | 283 | 99.00 | 44.91 | T11 |

^{*} FR: UL94 V-0 flame retardant case & cover

PSH-SERIES: High-Rate Discharge Batteries

- · High capacity versions of standard size models designed primarily for high rate discharge applications.
- Exceptionally high energy density (watt-hours per cubic inch).
- · Low internal resistance, well suited for short duration high rate discharge

| PSH-655 FR* | 6 | 5.5 | 275 | 2.76 | 70 | 1.85 | 47 | 3.94 | 100 | 4.17 | 106 | 2.10 | 0.95 | F1 |
|---------------|----|------|------|------|-----|------|----|------|-----|------|-----|-------|------|-----|
| PSH-1255 FR* | 12 | 6.0 | 300 | 3.54 | 90 | 2.76 | 70 | 3.98 | 101 | 4.21 | 107 | 4.00 | 1.81 | F2 |
| PSH-1280 FR* | 12 | 8.5 | 425 | 5.94 | 151 | 2.56 | 65 | 3.70 | 94 | 3.86 | 98 | 6.00 | 2.72 | F2 |
| PSH-12100 FR* | 12 | 10.5 | 550 | 5.94 | 151 | 2.56 | 65 | 4.37 | 111 | 4.61 | 117 | 7.00 | 3.18 | F2 |
| PSH-12180 FR* | 12 | 21.0 | 1050 | 7.14 | 181 | 3.03 | 77 | 6.59 | 167 | 6.59 | 167 | 13.20 | 5.99 | NB2 |

^{*} FR: UL94 V-0 flame retardant case & cover

Terminal Options





FASTON

0.187" x 0.032" quick disconnect tabs.





FASTON

0.250" x 0.032" quick disconnect tabs



FASTON POLARIZED Positive: "F2", Negative: "F1"









SPRING TERMINALS

Fully collapsible positive and negative contacts





TOY BATTERY CONNECTORS H-connector PS-6120 TH





TOY BATTERY CONNECTORS S-connector PS-6120 TS

PC PRESSURE CONTACTS

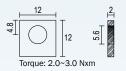
WL

INSULATED WIRE LEADS

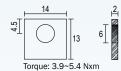
 Molex Housing 5264-02 & 5263-PBT plug on PS-605

• AMP Housing 1-480318-0 & 8116-1 on PS-1208

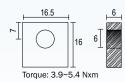




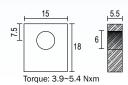




NB3



NB4

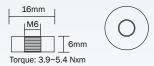


Positive

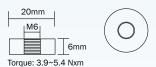


Torque: 11.0~14.7 Nxm

T6 THREADED INSERT - 6mm STUD



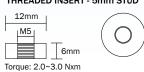
T8 THREADED INSERT - 6mm STUD



T11 THREADED INSERT - 8mm STUD



T12 THREADED INSERT - 5mm STUD



All data subject to change without notice.

Battery Construction

Terminals

Depending on the model, batteries come either with AMP Faston type terminals made of tin plated brass, post type terminals of the same composition with threaded nut and bolt hardware, or heavy duty flag terminals made of lead alloy. A special epoxy is used as sealing material surrounding the terminals.

Plates (electrodes)

Power-Sonic utilizes the latest technology and equipment to cast grids from a lead-calcium alloy free of antimony. The small amount of calcium and tin in the grid alloy imparts strength to the plate and guarantees durability even in extensive cycle service. Lead dioxide paste is added to the grid to form the electrically active material. In the charged state, the negative plate paste is pure lead and that of the positive lead dioxide. Both of these are in a porous or spongy form to optimize surface area and thereby maximize capacity. The heavy duty lead calcium alloy grids provide an extra margin of performance and life in both cyclic and float applications and give unparalleled recovery from deep discharge

Electrolyte

Immobilized dilute sulfuric acid: H₂SO₄.

Relief valve

In case of excessive gas pressure build-up inside the battery, the relief valve will open and relieve the pressure. The one-way valve not only ensures that no air gets into the battery where the oxygen would react with the plates causing internal discharge, but also represents an important safety device in the event of excessive overcharge. Vent release pressure is between 2-6 psi; the seal ring material is neoprene rubber.

Separators

Power-Sonic separators are made of non-woven glass fiber cloth with high heat and oxidation resistance. The material further offers superior electrolyte absorption and retaining ability, as well as excellent ion conductivity.

Container & case sealing

Case and lid material is ABS, high impact, resin with high resistance to chemicals and flammability. Case and cover are made of non-conductive ABS plastic to UL94-HB or UL94 V-O. Depending on the model the case sealing is ultrasonic, epoxy or heat seal.

Typical Applications

Power Sources

- · Back-up power
- Computers
- UPS

Communications

- · GPS equipment
- Marine communications
- Telecommunication systems

Lighting

- · Emergency lighting
- · Exit lights
- Hand held lights

Security Systems

- Burglar / Fire alarms
- Monitoring alarms
- Metal detectors

Automotive

- Electronic memory accessories
- Braking / Fuel systems

Recreation

- Fish finders
- · Ride-on toys
- · Electrical bicycles/scooters

Portable Equipment

- · Audio-visual devices
- Test and measuring equipment
- Consumer electronics

Monitoring Equipment

- Fiber-optic test equipment
- Scientific instruments
- Weather instrumentation

Agricultural

- Livestock/game feeders
- · Containment fencing

Military

- Aerospace
- · Aircraft instrumentation
- · Fire control systems

Miscellaneous

- · Invisible fences
- · DC power lifts
- Floor scrubbers
- Laser products
- · Robotics
- · Advertising signs

Battery Chargers

Power-sonic offers a wide range of chargers suitable for batteries up to 100AH. Please refer to the Charger Selection Guide in our specification sheets for "C-Series Switch Mode Chargers" and "Transformer Type A and F Series". Please contact our technical department for advice if you have difficulty in locating suitable models.