



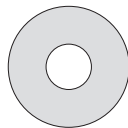
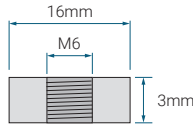
# PG-12V35

**12V35.0AH @20-hr**  
**12V 33.1AH @10-hr**

Rechargeable Sealed Lead Acid Battery  
PG – Long Life Series

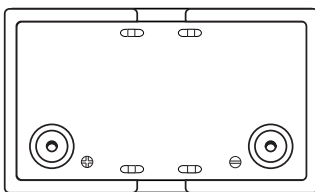
## TERMINALS: (mm)

**T6:** Threaded insert with  
6mm stud fastener



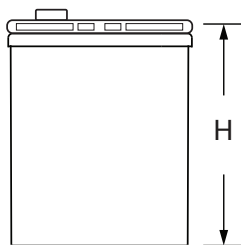
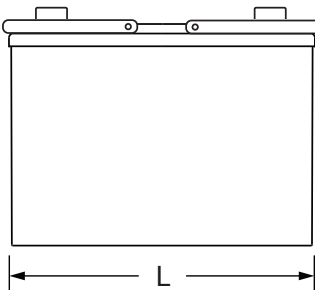
Torque: 3.9~5.4 Nxm

## DIMENSIONS: inch (mm)



**L:** 7.68 (195)  
**W:** 5.12 (130)  
**H:** 6.46 (164)  
**HT:** 6.57 (167)

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



## SEALED PERFORMANCE BATTERIES

### SPB National Head Office

1 Ant Rd, Yatala  
Brisbane, QLD, 4207  
Australia  
**T:** +61 1300 001 772  
**E:** info@spb.net.au  
**W:** spb.net.au

## SEALED PERFORMANCE BATTERIES

**SPB Sydney Office**  
2/28 Prime Drive  
Seven Hills, NSW, 2147 Australia  
**SPB Melbourne Office**  
3/35 Dunlop Rd  
Mulgrave, VIC, 3170, Australia

## FEATURES

- Absorbent Glass Mat (AGM) technology for superior performance
- Superb high-rate discharge characteristics ensures reliable performance in UPS and telecom applications
- Proven valve regulated technology that guarantees safe operation without maintenance
- Rugged impact resistant ABS case and cover, flame retardant to UL94:V-0
- Thick plate design and efficient gas recombination yield a service life of 10 – 12 years in standby mode

## APPROVALS

- Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified
- U.L recognized
- ISO9001:2015 – Quality management systems

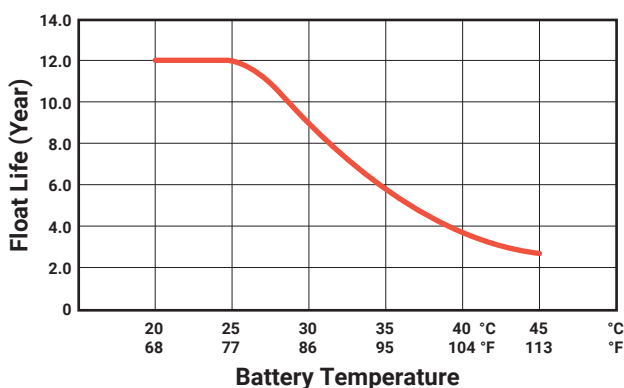
## PERFORMANCE SPECIFICATIONS

<b>Nominal Voltage</b>	12 volts (6 cells)
<b>Nominal Capacity</b>	
20-hr. (1.75A to 10.50 volts)	35.0 AH
10-hr. (3.31A to 10.50 volts)	33.1 AH
5-hr. (6.02A to 10.50 volts)	30.1 AH
1-hr. (23.8A to 9.60 volts)	23.8 AH
<b>Approximate Weight</b>	23.6 lbs. (10.7 kg)
<b>Internal Resistance (approx.)</b>	10.0 milliohms
<b>Max Short-Duration Discharge Current (5 Sec.)</b>	525 amperes
<b>Shelf Life</b>	
PG series batteries may be stored for up to 6 months at 25 C (77F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	
<b>Operating Temperature Range</b>	
Charge	32°F (0°C) to 104°F (40°C)
Discharge	5°F (-15°C) to 122°F (50°C)
<b>Case</b>	ABS Plastic
<b>Power Sonic Chargers</b>	PSC-124000ACX

## PG-12V35 12V 35.0 AH @ 20-hr 12V 33.1 AH @ 10-hr

Rechargeable Sealed Lead Acid Battery  
PS – General Purpose Series

### FLOAT LIFE IN YEARS VS. TEMPERATURE



### CHARGING

**Cycle Applications:** apply constant voltage charge at 14.4V – 15.0V at 25°C. Initial charging current should be set at less than 10.5 Amps. Switch to float charge to avoid overcharging.

**“Float” or “Stand-By” Service:** Apply constant voltage charge of 13.5V to 13.8V at 25°C. Initial charging current should be set at less than 10.5 Amps. When held at this voltage, the battery will seek its own current level and maintain itself in a fully charged condition.

**Temperature Compensation:** Charging Voltage for both Cyclic and Standby applications should be regulated in relation to ambient temperature. As temperature rises charging voltage should be reduced to prevent overcharge and increased as temperature falls to avoid undercharge.

For further charging information including temperature compensation factors, see Power Sonic Technical Manual/ Power Sonic Charger specifications.

### APPLICATIONS

A whole range of CYCLIC applications including but not limited to:

- Fire and Security
- Telecommunications
- Emergency Lighting
- Utility
- Solar
- Wind
- UPS

### SEALED PERFORMANCE BATTERIES

#### SPB National Head Office

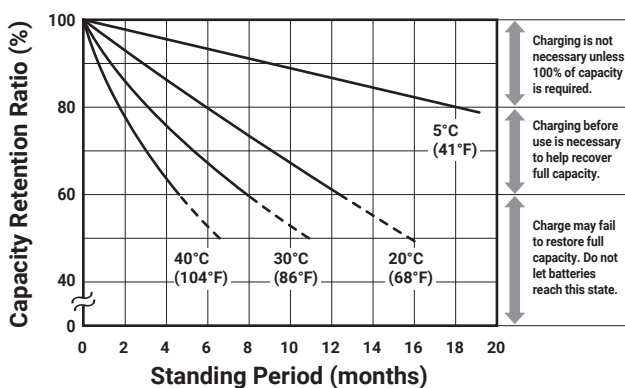
1 Ant Rd, Yatala  
Brisbane, QLD, 4207  
Australia  
T: +61 1300 001 772  
E: info@spb.net.au  
W: spb.net.au

### SEALED PERFORMANCE BATTERIES

#### SPB Sydney Office

2/28 Prime Drive  
Seven Hills, NSW, 2147 Australia  
SPB Melbourne Office  
3/35 Dunlop Rd  
Mulgrave, VIC, 3170, Australia

### GENERAL RELATION OF CAPACITY VS. STORAGE TIME



### CHARGERS

Power Sonic offers a wide range of chargers suitable for batteries with a variety of capacities.

Please refer to our website for more information on our switch mode and transformer type chargers.

Please contact our technical department for advice if you have difficulty in locating a suitable charger.

### FURTHER INFORMATION

Please refer to our website [www.power-sonic.com](http://www.power-sonic.com) for a complete range of useful downloads, such as product catalogs, material safety data sheets (MSDS), ISO certification, etc.

