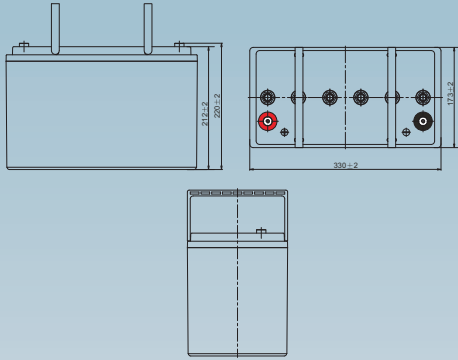


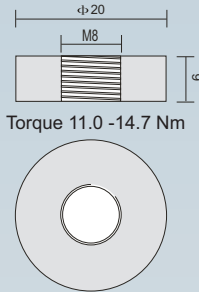
PSGL Gel Series (For cyclic applications)

Dimensions (mm)



Standard terminal (mm)

T11 Threaded Insert 8mm Stud



Physical Specification

| | | |
|-------------------|--------------------|---------------|
| Nominal Voltage | | 12V |
| Nominal Capacity | | 96.0 AH |
| Dimension | Length | 330 ± 2 mm |
| | Width | 173 ± 2 mm |
| | Container Height | 212 ± 2 mm |
| | Height to terminal | 220 ± 2 mm |
| Weight | | Approx 31.0kg |
| Standard Terminal | | T11 |

PSGL12960



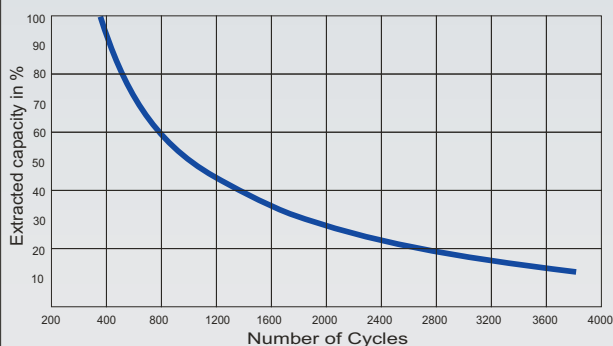
Discharge Characteristics (25°C, 77°F)

| | | | | | |
|----------------------------------|-----------------------|---------|-------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Rated Capacity | 20hr Rate(1.80V/cell) | 96.00AH | Constant Voltage Charge | Cycle | Initial Charging Current Less than 25.0A Voltage 14.4V ~ 15.0V at 25°C (77°F) |
| | 10hr Rate(1.80V/cell) | 88.50AH | | | |
| | 8hr Rate(1.75V/cell) | 84.80AH | | | |
| | 5hr Rate(1.75V/cell) | 80.00AH | | | |
| Capacity Affected by Temperature | 1hr Rate(1.60V/cell) | 58.40AH | Standby | Recommended Charge Current less than 25.0A Voltage 13.5V ~ 13.8V at 15°C (77°F) | |
| | 40°C (104°F) | 103% | | | |
| | 25°C (77°F) | 100% | | | |
| | 0°C (32°F) | 86% | | | |

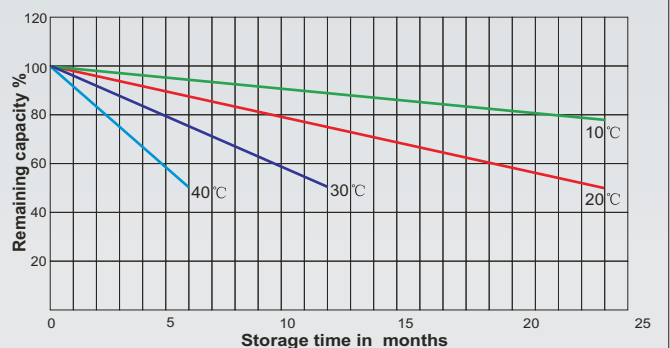
Internal Resistance mΩ

Approx 5.9 mΩ

Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics



Power-Sonic Europe Limited
3 Buckingham Square, Wickford, Essex, SS11 8YQ
Tel: +44 (0)1268 560686 Fax: +44 (0)1268 560902
sales@power-sonic.co.uk
www.power-sonic.co.uk