

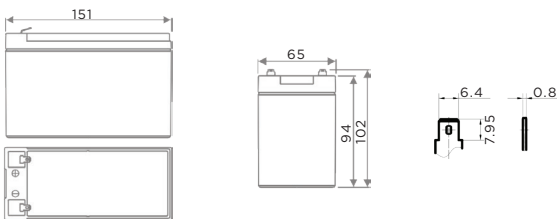
# 12 TP 9

## BATTERY SPECIFICATIONS



### TOPIN AGM 12V9Ah

Valen Topin is a rechargeable, deep cycle and Valve Regulated Lead Acid (VRLA) battery. The technology is commonly referred to as Sealed Lead Acid (SLA). The battery electrolyte is suspended in an Absorbent Glass Matting (AGM) allowing the battery to be safe and maintenance-free. Valen Topin has been designed for standby power applications with proven benefits over alternatives, offering real value for money! Carrying the CSIRO SSL approval means the Valen Topin battery is the preferred choice for the Fire industry.



### Specifications

|                       |  |
|-----------------------|--|
| Voltage               | 12 Volt nominal  |
| Number of cells       | 6  |
| Design life           | 8 years  |
| Normal Capacity 25°   |  |
| 20 Hr rate (10.5V)    | 9.02Ah   |
| 10 Hr rate (10.5V)    | 8.55Ah   |
| 5 Hr rate (10.5V)     | 7.65Ah   |
| Dimensions            | 151(L) x 65(W) x 94(H)mm                               |
| Weight                | 2.7kg  |
| Plates                | Heavy Duty   |
| Terminal              | F2   |
| Container / cover     | ABS  |
| Charge voltage        | Cycle: 14.4-15.0V at 25°C<br>Float: 13.5-13.8V at 25°C |
| Internal resistance   | 14mΩ 25°C<br>- Fully charged Battery                   |
| Electrolyte           | Sulphuric acid   |
| Vent                  | Self-sealing   |
| Operating Temperature | -20°C to +60°C   |

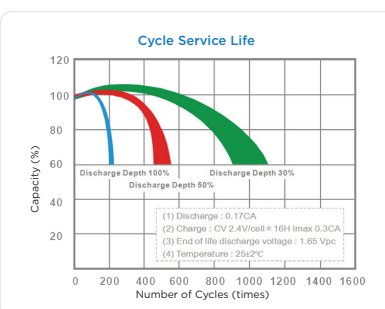
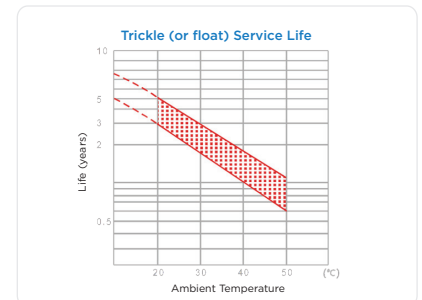
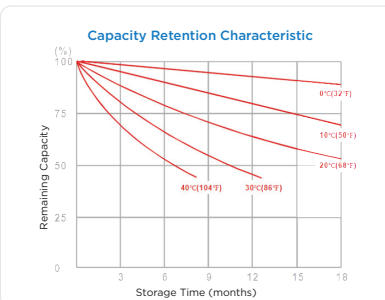
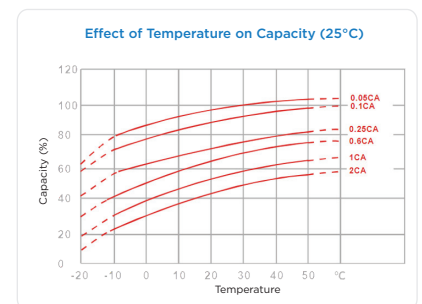
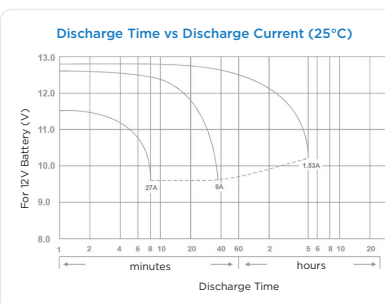
(However it is recommended that the batteries be operated in the temperature range of 20 to 30°C to obtain full life and optimum performance.)

#### Discharge Constant Current (Amperes at 25°C)

| End Point Volts / Cell | 15 min | 30 min | 1 hour | 3 hour | 5 hour | 10 hour | 20 hour |
|------------------------|--------|--------|--------|--------|--------|---------|---------|
| 1.75V                  | 15.8   | 8.93   | 5.37   | 2.23   | 1.53   | 0.86    | 0.451   |

#### Discharge Constant Power (Watts at 25°C)

| End Point Volts / Cell | 15 min | 30 min | 1 hour | 3 hour | 5 hour | 10 hour | 20 hour |
|------------------------|--------|--------|--------|--------|--------|---------|---------|
| 1.75V                  | 32.3   | 17.0   | 10.7   | 4.49   | 3.05   | 1.71    | 0.90    |



Specifications subject to change without notice.