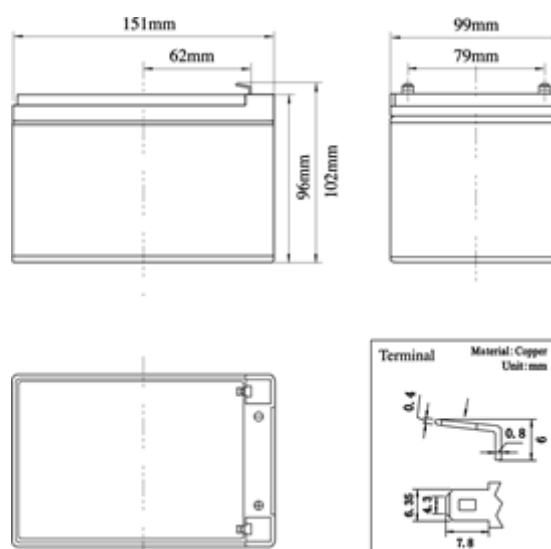


**CHARACTERISTICS**

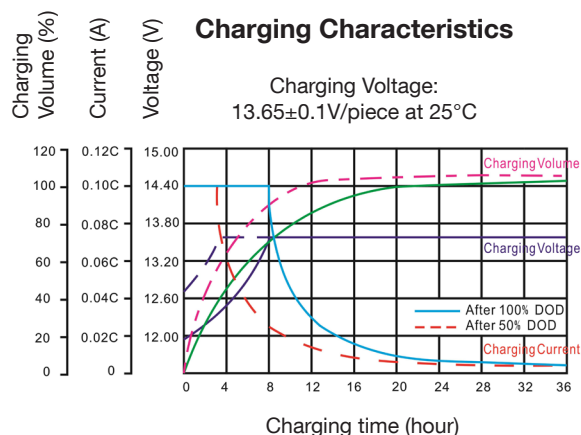
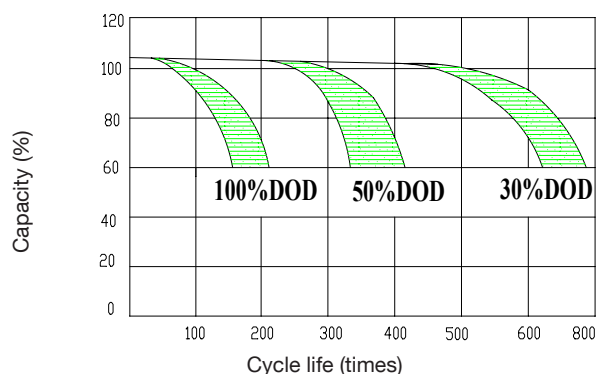
|                                                   |                        |                                                                 |
|---------------------------------------------------|------------------------|-----------------------------------------------------------------|
| Nominal Voltage                                   |                        | 12V                                                             |
| Nominal Capacity (20 hour rate)                   |                        | 13.0Ah                                                          |
| Capacity<br>25°C                                  | 10 hour rate (9.0A)    | 12.3Ah                                                          |
|                                                   | 5 hour rate (15.9A)    | 11.5Ah                                                          |
|                                                   | 1 hour rate (55.4A)    | 8.52Ah                                                          |
| Internal Resistance                               |                        | Full Charged Battery 25°C ≤15mΩ                                 |
| Capacity affected by<br>Temperature<br>(10 hour ) | 40°C                   | 102%                                                            |
|                                                   | 25°C                   | 100%                                                            |
|                                                   | 0°C                    | 85%                                                             |
|                                                   | -15°C                  | 65%                                                             |
| Self-Discharge<br>25°C Capacity                   | after 3 month storage  | 90%                                                             |
|                                                   | after 6 month storage  | 80%                                                             |
|                                                   | after 12 month storage | 62%                                                             |
| Charge<br>(Constant<br>Voltage)<br>25°C           | Float                  | Initial Charging Current Less than 3.9A Volt-<br>age 13.6-13.8V |
|                                                   | Cycle                  | Initial Charging Current Less than 3.9A Volt-<br>age 14.4-15.0V |

**PACKAGING**

|                    |               |       |
|--------------------|---------------|-------|
| Battery Dimensions | Length        | 151mm |
|                    | Width         | 99mm  |
|                    | Height        | 96mm  |
|                    | Total Height  | 102mm |
| Quantity Per Box   | 4 pcs per box |       |
| Net weight Per Box | 14.8kg        |       |
| Gross Weight       | 15.2kg        |       |

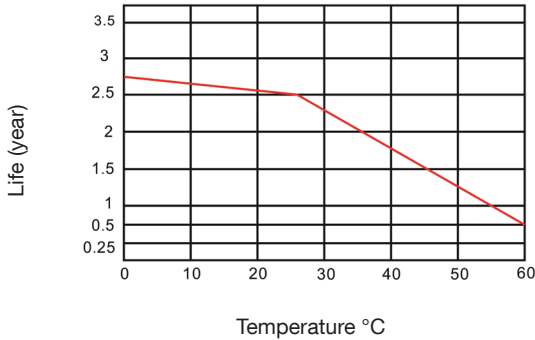
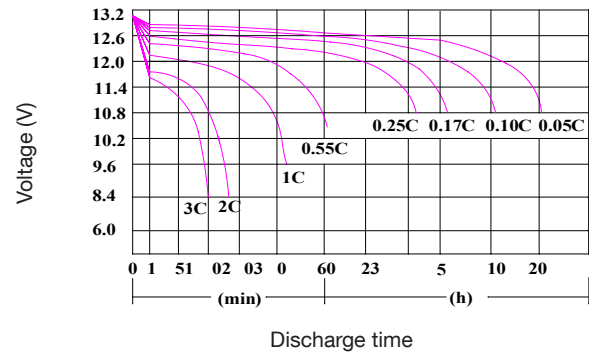
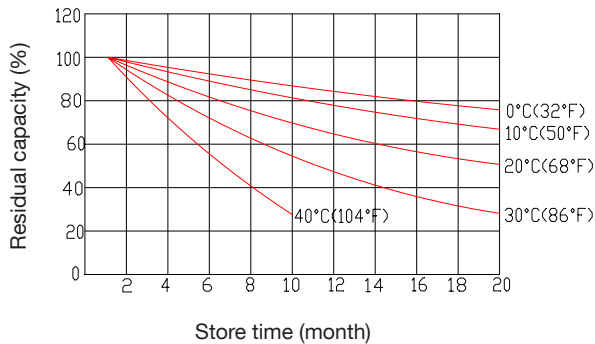
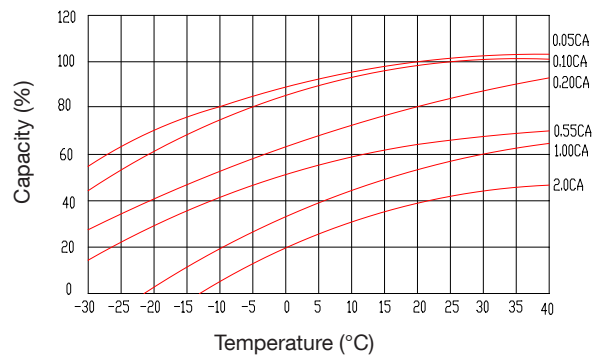

**Discharge Constant Current per Cell (Amperes at 25°C)**

| F.V/Time | 30min | 1h   | 2h   | 5h   | 10h  | 20h  |
|----------|-------|------|------|------|------|------|
| 1.60V    | 14.20 | 8.52 | 5.32 | 2.43 | 1.35 | 0.71 |
| 1.65V    | 13.94 | 8.37 | 5.23 | 2.39 | 1.33 | 0.69 |
| 1.70V    | 13.69 | 8.21 | 5.13 | 2.34 | 1.30 | 0.69 |
| 1.75V    | 13.43 | 8.06 | 5.04 | 2.30 | 1.28 | 0.67 |
| 1.80V    | 12.91 | 7.75 | 4.84 | 2.21 | 1.23 | 0.65 |

**PERFORMANCE CHARACTERISTICS**

**Cycle life Vs Depth of discharge (25°C)**

**Two Great Stores to choose from...**
**7 Cemetery Rd,  
Mackay QLD 4740  
Phone 07 4957 6123**
**Unit 16, 547 Woolcock St,  
Mt Louisa, Townsville QLD 4814  
Phone 07 4774 7344**

**Batterypro**[www.a1batterypro.com.au](http://www.a1batterypro.com.au)**ES12120**

Issue Date: 1/11/2016

**Predator**  
AGM BATTERIES**Temperature effect on designed float life**Float charging Voltage:  
13.65±0.01V/piece at 25°C**Discharge characteristics (25°C)****Temperature effect on battery self-discharge****Temperature effect on capacity****BATTERY CONSTRUCTION**

| Component    | Positive plate | Negative plate | Container | Cover | Safety valve | Terminal | Separator  | Electrolyte   |
|--------------|----------------|----------------|-----------|-------|--------------|----------|------------|---------------|
| Raw material | Lead dioxide   | Lead           | ABS       | ABS   | Si-Rubber    | Copper   | Fiberglass | Sulfuric acid |

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