

EV45-12

Awaiting Image

Physical Specification

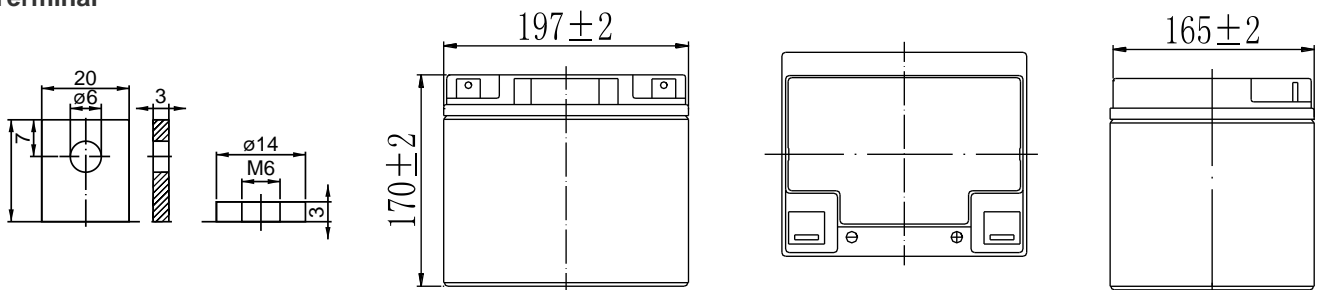
| | |
|------------------------------|-------------------|
| Part Number | EV45-12 |
| Length | 197 ± 2 mm |
| Width | 165 ± 2 mm |
| Container Height | 170 ± 2 mm |
| Total Height (with terminal) | 170 ± 2 mm |
| Approx Weight | 14.5 kg |

Specifications

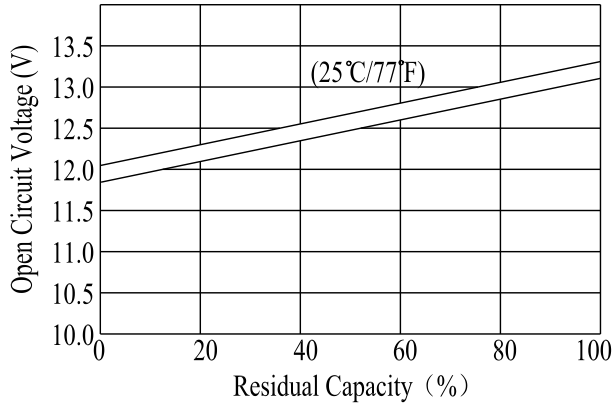
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|-------------------------------------|--|---|
| | Nominal Voltage | 12V |
| | Nominal Capacity | 45AH |
| Terminal Type | Standard Terminal | F16 |
| Container Material | Standard Option | ABS |
| Rated Capacity | 10hr, 1.80V/cell, 25°C | 45AH |
| | 2hr, 1.75V/cell, 25°C | 35AH |
| Max Discharge Current | 450A (5 sec) | |
| Internal Resistance | Approx 7m Ω | |
| Charging Characteristics | Recommended Maximum Charging Current | 13.5A |
| | Nominal Operating Temp. Range | 25±3°C |
| | Cycle Use | 14.60 ~ 14.80 at 25°C Temp. |
| | Standby Use | No limit on Initial Charging Current Voltage 13.60 ~ 13.80 at 25°C Temp. |
| | Capacity affect by Temperature | 40°C 103% |
| | | 25°C 100% |
| | | 0°C 86% |
| Design Floating Life at 20°C | 12+ Years | |
| Self Discharge | Ultracell batteries may be stored for up to 6 months at 25°C(77°F) and then a refresh charge is required. For higher temperatures the time interval will be shorter. | |

Dimensions

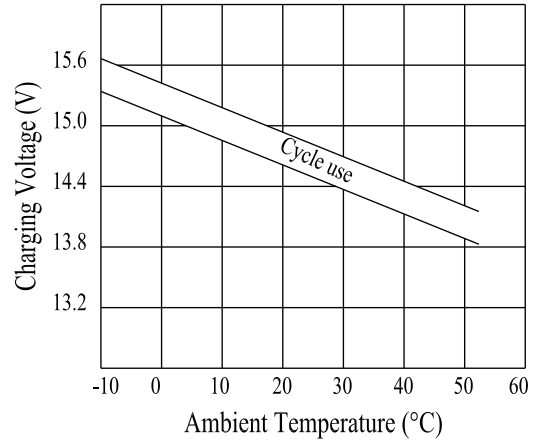
F16 Terminal



The Relationship for Open Circuit Voltage and Residual Capacity (25C)



The Relationship for Charging Voltage and Ambient Temperature



Cycle Life @ 5A Discharge(25C)

