

EV70-12

Awaiting Image

Physical Specification

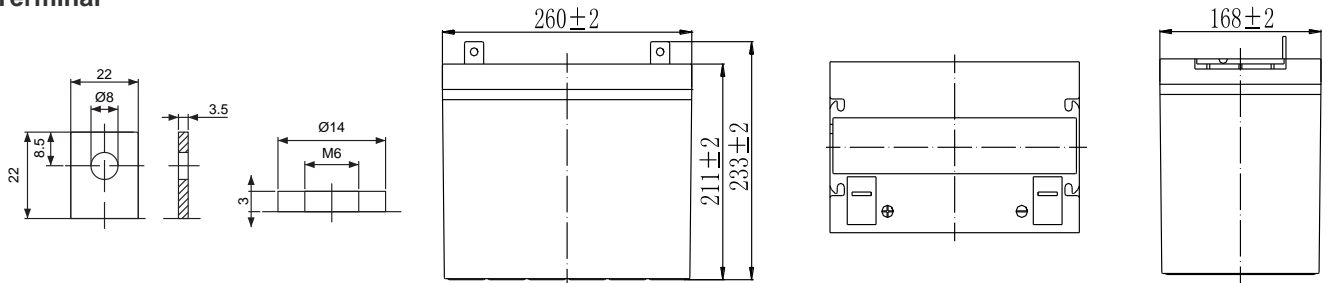
Part Number	EV70-12
Length	260 ± 2 mm
Width	168 ± 2 mm
Container Height	211 ± 2 mm
Total Height (with terminal)	214 ± 2 mm
Approx Weight	14.5 kg

Specifications

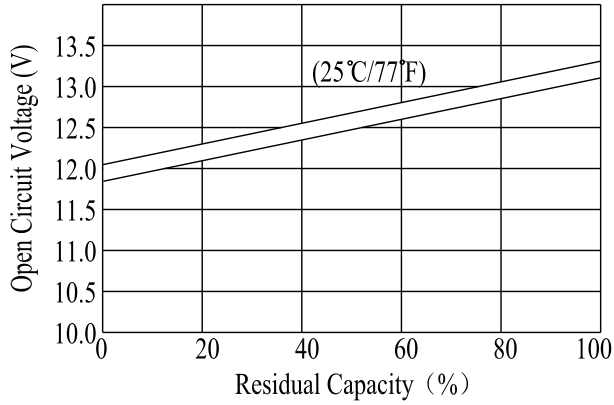
	Nominal Voltage	12V
	Nominal Capacity	70AH
Terminal Type	Standard Terminal	F16
Container Material	Standard Option	ABS
Rated Capacity	10hr, 1.80V/cell, 25°C	70 Ah
	2hr, 1.75V/cell, 25°C	52AH
Max Discharge Current	700 A (5 sec)	
Internal Resistance	Approx 5.5m Ω	
Charging Characteristics	Recommended Maximum Charging Current	21A
	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 13.60V ~ 13.80V 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

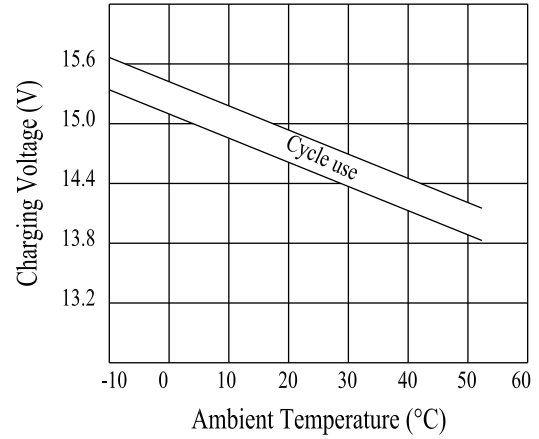
F16 Terminal



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



The Relationship for Charging Voltage and Ambient Temperature



Cycle Life @ 5A Discharge(25C)

