

UL0.8-12



Physical Specification

Part Number:	UL0.8-12
Length:	96 ± 2 mm (3.78 inches)
Width:	25 ± 2 mm (0.98 inches)
Container Height:	62 ± 2 mm (2.44 inches)
Total Height (with terminal):	62 ± 2 mm (2.44 inches)
Approx Weight:	Approx 0.3 kg (0.66lbs)

Specifications

	Nominal Voltage	12V
	Nominal Capacity (10HR)	0.8 AH
Terminal Type	Standard Terminal	/
	Optional Terminal	-
Container Material	Standard Option	ABS
	Flame Retardant Option (FR)	ABS (UL94:VO)
Rated Capacity	0.80 AH/0.04A	(20hr, 1.80V/cell, 25°C / 77°F)
	0.74 AH/0.074A	(10hr, 1.80V/cell, 25°C / 77°F)
	0.68 AH/0.136A	(5hr, 1.75V/cell, 25°C / 77°F)
	0.612 AH/0.204A	(3hr, 1.75V/cell, 25°C / 77°F)
	0.502 AH/0.502A	(1hr, 1.60V/cell, 25°C / 77°F)
Max Discharge Current	12A (5s)	
Internal Resistance	Approx 150mΩ	
Discharge Characteristics	Operating Temp. Range	Discharge: -15 ~ 50°C (5 ~ 122°F)
		Charge: 0 ~ 40°C (5 ~ 104°F)
		Storage: -15 ~ 40°C (5 ~ 104°F)
	Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
	Cycle Use	Initial Charging Current less than 0.24 A. Voltage 2.4V ~ 2.5V at 25°C (77°F) Temp. Coefficient -5mV/°C
	Standby Use	No limit on Initial Charging Current Voltage 2.25V ~ 2.3V at 25°C (77°F) Temp. Coefficient -3mV/°C
Capacity affected by Temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Design Floating Life at 20°C	5 Years	
Self Discharge	Ultracell batteries may be stored for up to 6 months at 25°C(77F) and then a refresh charge is required. For higher temperatures the time interval will be shorter.	

Dimensions

Terminal

