

UCG12-12

12V 12AH
Deep Cycle Gel

Ultracell®

Quality in Every Language

UCG12-12



Physical Specification

Part Number	UCG12-12
Length	151.5 ± 2 mm
Width	99.5 ± 2 mm
Container Height	97 ± 2 mm
Total Height (with terminal)	100 ± 2 mm
Approx Weight	4.0 kg

Specifications

	Nominal Voltage	12V
	Nominal Capacity (10HR)	12.0AH
Terminal Type	Standard Terminal	F1 (Optional Terminal F2)
Container Material	Standard Option	ABS
	Flame Retardant Option (FR)	UL94:VO
Rated Capacity	20hr, 1.80V/cell, 25°C	13.2 AH/0.70A
	10hr, 1.80V/cell, 25°C	12.0 AH/1.30A
	5hr, 1.75V/cell, 25°C	11.4 AH/2.28A
	1hr, 1.60V/cell, 25°C	8.40 AH/8.40A
Max Discharge Current	195A (5s)	
Internal Resistance	Approx 14.0mΩ	
Discharge Characteristics	Operating Temp. Range	Discharge: -15 ~ 50°C
		Charge: 0 ~ 40°C
		Storage: -15 ~ 40°C
	Nominal Operating Temp. Range	25 ± 3°C
	Cycle Use	Initial Charging Current less than 3.6A Voltage 14.4V ~ 14.8V Temp. Coefficient -30mV/°C
	Standby Use	No limit on Initial Charging Current Voltage 13.6V ~ 13.8V Temp. Coefficient -20mV/°C
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

F1 Terminal

