

UCG 100-12

12V 100AH

Deep Cycle

Ultracell®

'Quality in Every Language'

UCG100-12



Physical Specification

Part Number:	UCG100-12
Length:	328 ± 2 mm
Width:	173 ± 2 mm
Container Height:	212 ± 2 mm
Total Height (with terminal):	235 ± 2 mm
Approx Weight:	31kg

Specifications

	Nominal Voltage	12V
	Nominal Capacity (10HR)	100AH
Terminal Type	Standard Terminal	F10
	Optional Terminal	F11
Container Material	Standard Option	ABS
	Flame Retardant Option (FR)	UL94:VO
Rated Capacity	104.0 AH/5.20A	(20hr, 1.80V/cell, 25°C / 77°F)
	100.0 AH/10.0A	(10hr, 1.80V/cell, 25°C / 77°F)
	88.0 AH/17.6A	(5hr, 1.75V/cell, 25°C / 77°F)
	76.2 AH/25.4A	(3hr, 1.75V/cell, 25°C / 77°F)
	63.8 AH/63.8A	(1hr, 1.60V/cell, 25°C / 77°F)
Max Discharge Current	1000A (5s)	
Internal Resistance	Approx 5.9mΩ	
Discharge Characteristics	Operating Temp. Range	Discharge: -20 ~ 55°C (-4 ~ 131°F)
		Charge: 0 ~ 40°C (32 ~ 104°F)
		Storage: -20 ~ 50°C (-4 ~ 122°F)
	Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
	Cycle Use	Initial Charging Current less than 24.0A Voltage 14.4~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
Standby Use	No limit on Initial Charging Current Voltage 13.5~13.8V at 25°C (77°F) Temp. Coefficient -20mV/°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	15 Years	
Self Discharge	Ultracell batteries may be stored for up to 9 months at 25°C(°77F) and then a refresh charge is required. For higher temperatures the time interval will be shorter.	

Dimensions

F10 Terminal

