

# UCG 275-12

12V 275AH

Deep Cycle

# Ultracell®

'Quality in Every Language'

## UCG275-12



## Physical Specification

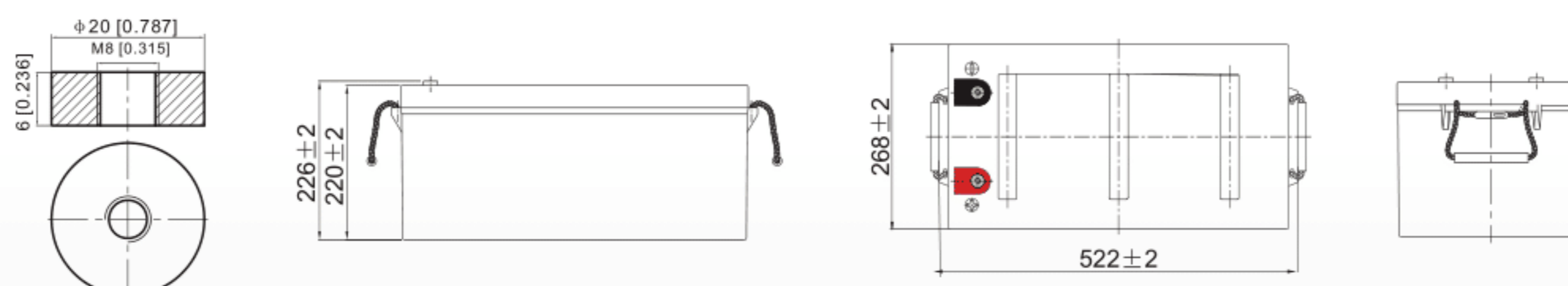
Part Number:	<b>UCG275-12</b>
Length:	<b>522 ± 2 mm</b>
Width:	<b>268 ± 2 mm</b>
Container Height:	<b>220 ± 2 mm</b>
Total Height (with terminal):	<b>226 ± 2 mm</b>
Approx Weight:	<b>Approx 73.0kg</b>

## Specifications

	Nominal Voltage	12V
<b>Terminal Type</b>	Standard Terminal	F11
	Optional Terminal	-
<b>Container Material</b>	Standard Option	ABS
	Flame Retardant Option (FR)	ABS(UL94:VO)
<b>Rated Capacity</b>	270.0 AH/13.4A	(20hr, 1.80V/cell, 25°C / 77°F)
	250.0 AH/25.0A	(10hr, 1.80V/cell, 25°C / 77°F)
	219.5 AH/43.9A	(5hr, 1.75V/cell, 25°C / 77°F)
	198.9 AH/66.3A	(3hr, 1.75V/cell, 25°C / 77°F)
	161.5 AH/161.5A	(1hr, 1.60V/cell, 25°C / 77°F)
<b>Max Discharge Current</b>	2500A (5s)	
<b>Internal Resistance</b>	Approx 2.5mΩ	
<b>Discharge Characteristics</b>	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 75.0A Voltage 14.4V ~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C
	Standby Use	No limit on Initial Charging Current Voltage 13.5V ~ 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%	
<b>Design Floating Life at 20°C</b>	15 Years	
<b>Self Discharge</b>	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

### F11 Terminal



ALL DATA IS SUBJECT TO CHANGE WITHOUT NOTICE

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