

# 4PzS480

2V 480AH

Traction

# Ultracell®

'Quality in Every Language'

## 4PzS480

Awaiting Image

## Physical Specification

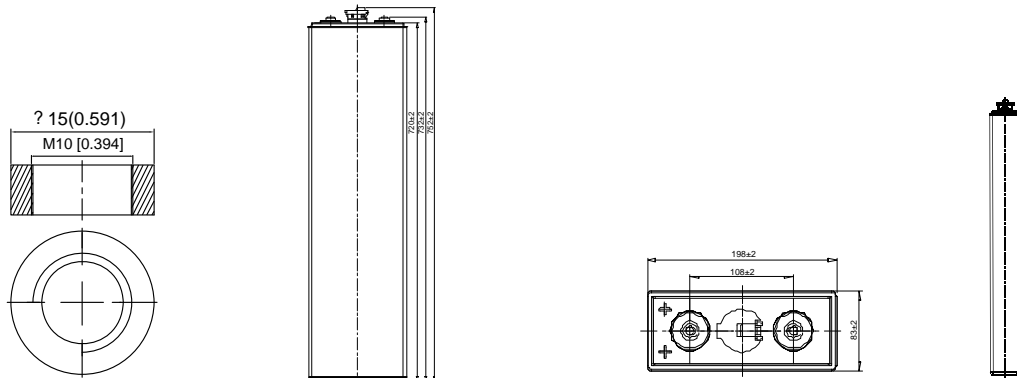
Part Number	4PzS480
Length	83 ± 2 mm
Width	198 ± 2 mm
Container Height	720 ± 2 mm
Total Height (with terminal)	752 ± 2 mm
Approx Weight without / with Electrolyte	22.1kg / 28.9kg

## Specifications

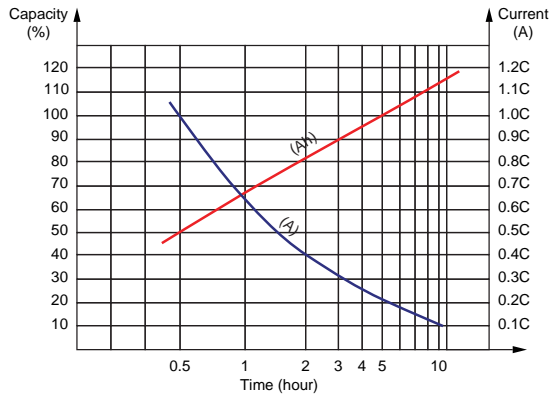
	Nominal Voltage	2V
	Nominal Capacity (5HR)	480AH
<b>Terminal Type</b>	Standard Terminal	M10
<b>Container Material</b>	Standard Option	PP
	(5 hr, 1.70V/cell, 30°C)	480.0AH/96.0A
	(0.5 hr, 1.50V/cell, 30°C)	240.0AH/480.0A
<b>Max Discharge Current</b>	3840A (5s)	
<b>Discharge Characteristics</b>	Operating Temp. Range	Discharge: -15°C~55°C Charge: 0°C ~ 50°C Storage: 5°C~40°C
	Cycle Use	Initial Charging Current less than 67.2. Voltage 2.40V ~ 2.50V Temp. Coefficient -5mV/°C
	Cycle Life	>= 1200 cycles
	Capacity affected by Temperature	40°C 103% 25°C 100% 0°C 86%
<b>Self Discharge</b>	Ultracell UZS batteries may be stored for up to 6 months at 25°C and then a refresh charge is required. For higher temperatures the time interval will be shorter.	

## Dimensions

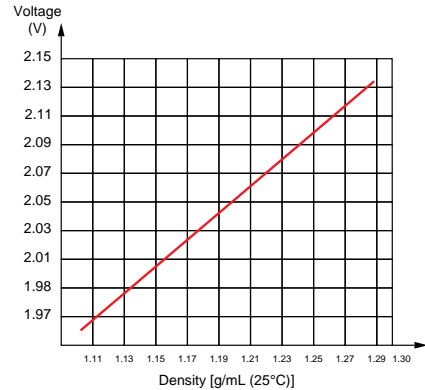
### Terminal



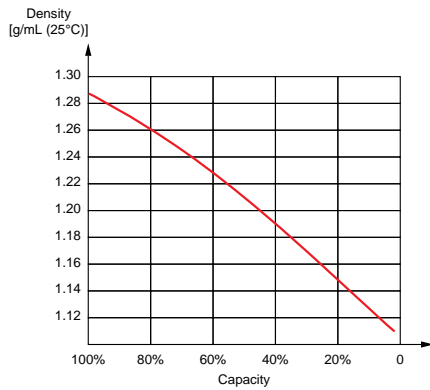
### Discharge Characteristics



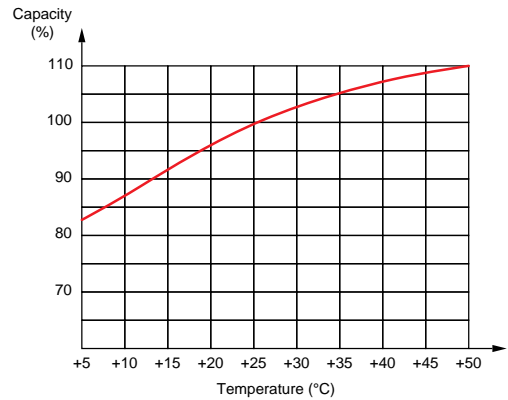
### Density Effects in Relation to Voltage



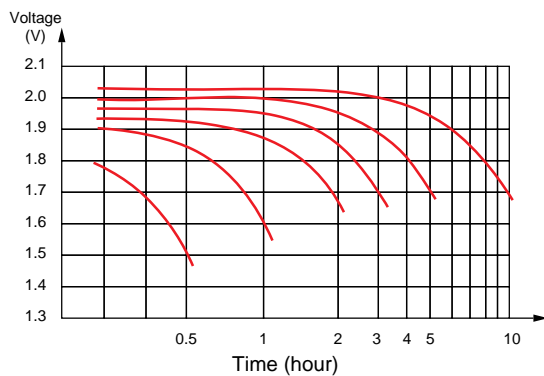
### Density Effects in Relation to Capacity



### Temperature Effects in Relation to Battery Capacity



### Discharge Characteristics



### Cycle Life in Relation to Depth of Discharge

