

# UMP7PzS630

2V 630AH

Motive Power

# Ultracell®

Quality in Every Language

## UMP7PzS630

Awaiting Image

## Physical Specification

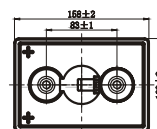
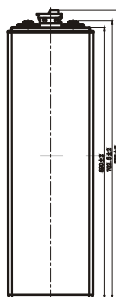
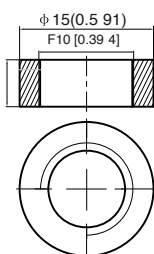
Part Number	UMP7PzS630
Length	137± 2 mm
Width	198 ± 2 mm
Container Height	469 ± 2 mm
Total Height (with terminal)	501 ± 2 mm
Without Electrolyte	25.5 kg
With Electrolyte	34.4 kg

## Specifications

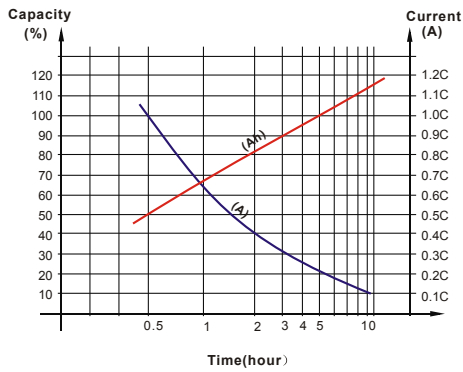
	Nominal Voltage	2V
	Nominal Capacity	630AH
<b>Terminal Type</b>	Standard Terminal	F10
<b>Container Material</b>	Standard Option	PP
<b>Rated Capacity</b>	5hr, 1.70V/cell, 30°C	630.0 AH/126.0A
	0.5hr, 1.50V/cell,30°C	315.0 AH/630.0A
<b>Max Discharge Current</b>	5040A (5s)	
<b>Discharge Characteristics</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 88.2A Voltage : 2.40V ~ 2.50V Temp. Coefficient : -5mV/°C
	Capacity affect by Temperature	40°C 103% 30°C 100% 0°C 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(77°F) and then a refresh charge is required. For higher temperatures the time interval will be shorter.	

## Dimensions

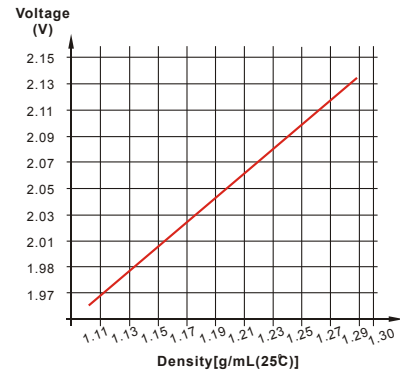
### F10 Terminal



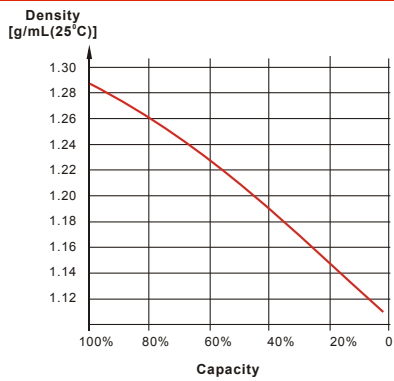
**Discharge Characteristics**



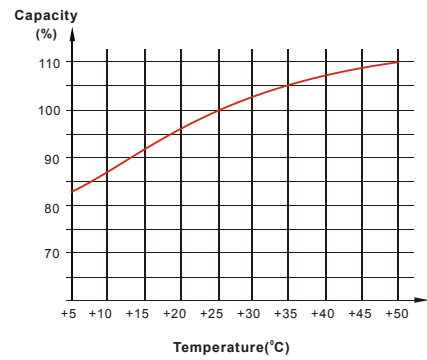
**Electrolyte Density in Relation to Voltage**



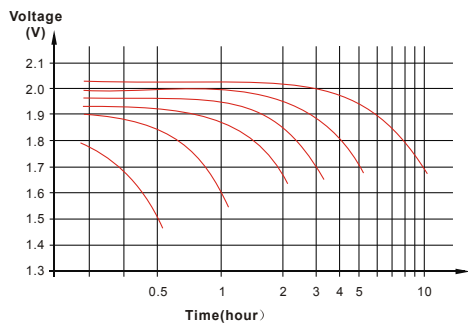
**Electrolyte Density in Relation to Capacity**



**Temperature in Relation to Battery Capacity**



**Discharge Characteristics**



**Cycle Life in Relation to Depth of Discharge**

