

Image



Specification

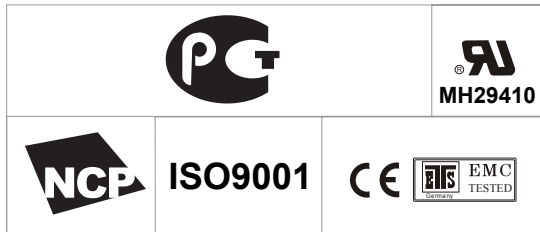
Nominal Voltage	12V									
Nominal Capacity (20HR)	7.0AH									
Dimension	Length	151 ± 2mm (5.95 inches)								
	Width	65 ± 2mm (2.54 inches)								
	Container Height	95 ± 2mm (3.72 inches)								
	Total Height (with Terminal)	101 ± 2mm (3.94 inches)								
Approx Weight	Approx 2.05g (4.51lbs)									
Terminal	T1									
Container Material	ABS									
Rated Capacity	7.00 AH	20HR (0.35A, 1.75V)								
	6.65 AH	10HR (0.665A, 1.75A)								
	5.95AH	5HR (1.19A, 1.75A)								
	4.2 AH	1HR (4.2A, 1.75A)								
Internal Resistance	Fully Charged at 25°C 0.02 Ohm									
Operating Temp. Range	Discharge: -15 ~ 50°C (5 ~ 120°F)									
	Charge: 0 ~ 40°C (5 ~ 120°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 0.3 A. Voltage 14.4-14.8V (-30mV/°C), max. Current: 2.16A									
	No limit on Initial Charging Current Voltage									
Standby Use	13.5V ~ 13.8V at 25°C (77°F) Temp. Coefficient -10mV/°C									
	Capacity affected by Temperature	<table border="1"> <tr> <td>40°C (104°F)</td> <td>103%</td> </tr> <tr> <td>25°C (77°F)</td> <td>100%</td> </tr> <tr> <td>0°C (32°F)</td> <td>86%</td> </tr> <tr> <td>-15°C (32°F)</td> <td>65%</td> </tr> </table>		40°C (104°F)	103%	25°C (77°F)	100%	0°C (32°F)	86%	-15°C (32°F)
40°C (104°F)	103%									
25°C (77°F)	100%									
0°C (32°F)	86%									
-15°C (32°F)	65%									

Applications

- ◆ All purpose
- ◆ Uninterruptable Power Supply
- ◆ Electric Power System (EPS)
- ◆ Emergency backup power supply
- ◆ Emergency light
- ◆ Railway signal
- ◆ Aircraft signal
- ◆ Alarm and security system
- ◆ Electronic apparatus and equipment
- ◆ Communication power supply
- ◆ DC power supply
- ◆ Auto control system

Self Discharge

Ultracell batteries may be stored for up to 6 months at 25°C (°77F) and then a refresh charge is required. 3% of capacity declined per month at 25°C.



Dimensions

■ T1 Terminal
Unit: mm [inches]

