



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

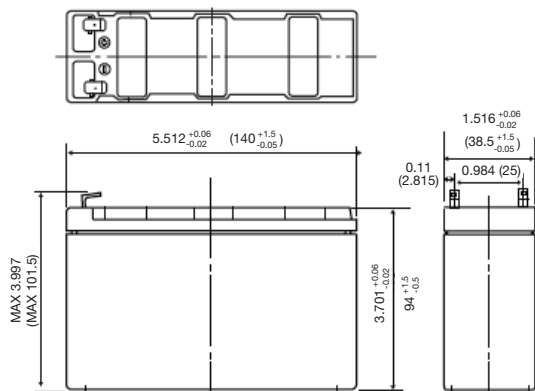
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

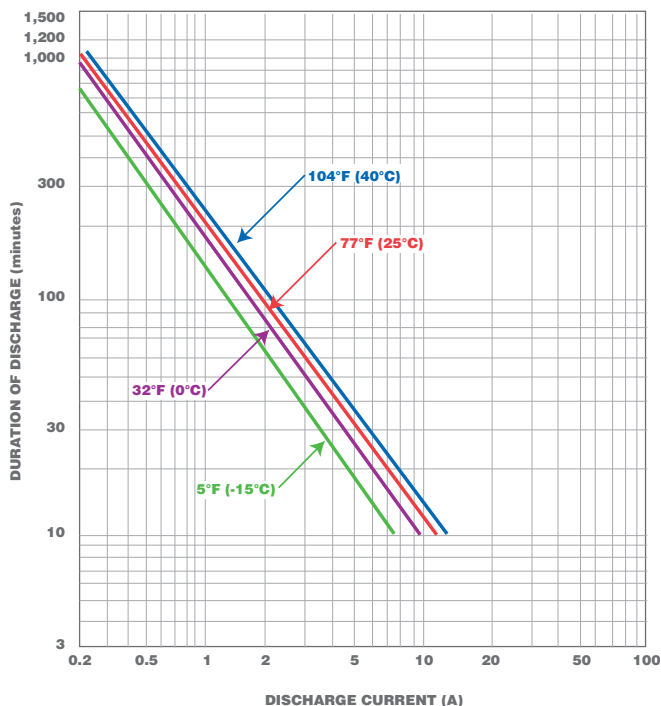




### Dimensions



### Duration of Discharge vs. Discharge Current



### Features & Benefits

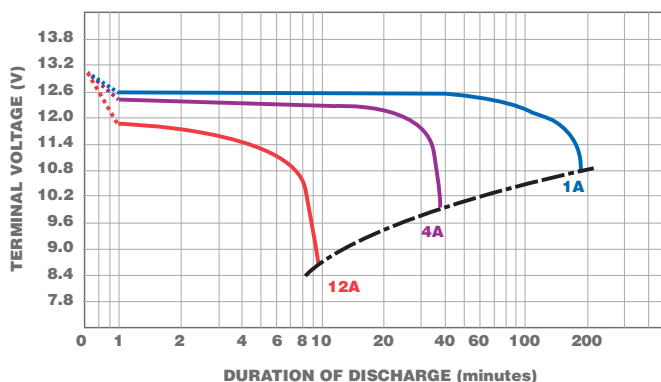
- High quality and reliability
- Exceptional deep discharge recovery
- No corrosive gas generation
- Long service life
- Quick chargeability
- High power density
- Maintenance-free operation

### Specifications

<b>Nominal Voltage:</b>	12V	
<b>Weight:</b>	1.30 kg	
<b>Standard Terminals &amp; Resin</b>	UL94 V-0 Faston 250	
<b>Capacity 77°F (25°C) (9.6V cutoff):</b>	30 min. rate	57W
	15 min. rate	91W
	10 min. rate	120W
	5 min. rate	180W
<b>Internal Resistance:</b>	Fully charged battery	Approx. 35mΩ
<b>Temperature dependency of capacity (20 hour rate):</b>	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
<b>Self discharge 77° (25°C):</b>	Residual capacity after standing 3 mos.	91%
	Residual capacity after standing 6 mos.	82%
	Residual capacity after standing 12 mos.	64%
<b>Charge Method (Constant Voltage):</b>	Initial current	0.6A or smaller
	Trickle use	13.6V to 13.8V (per 12V cell 25°C)
	Control Voltage	(per 12V cell 25°C)

**NOTE:** Case resin flame retardant material is UL94 VO

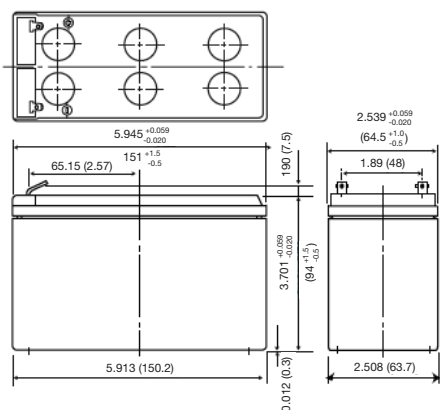
### Discharge Characteristics 77°F (25°C)



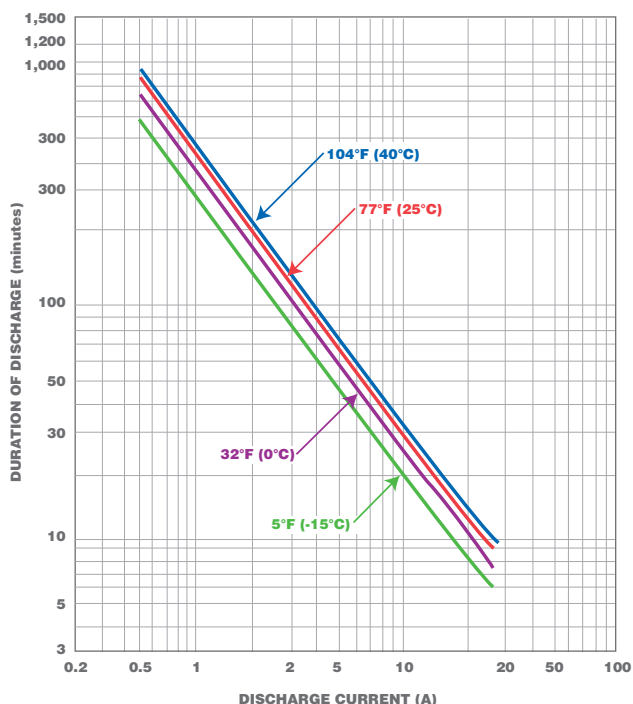




### Dimensions



### Duration of Discharge vs. Discharge Current



### Features & Benefits

- High quality and reliability
- Exceptional deep discharge recovery
- No corrosive gas generation
- Long service life
- Quick chargeability
- High power density
- Maintenance-free operation

### Specifications

<b>Nominal Voltage:</b>	12V	
<b>Weight:</b>	2.6 kg	
<b>Standard Terminals &amp; Resin</b>	UL94 V-0 Faston 250	
<b>Capacity 77°F (25°C) (9.6V cutoff):</b>	30 min. rate	112W
	15 min. rate	195W
	10 min. rate	268W
	5 min. rate	410W
<b>Internal Resistance:</b>	Fully charged battery	Approx. 21mΩ
	77°F (25°C)	
<b>Temperature dependency of capacity (20 hour rate):</b>	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
<b>Self discharge 77° (25°C):</b>	Residual capacity after standing 3 mos.	91%
	Residual capacity after standing 6 mos.	82%
	Residual capacity after standing 12 mos.	64%
<b>Charge Method (Constant Voltage):</b>	Initial current	1.25A or smaller
	Trickle use	Control Voltage 13.6V to 13.8V (per 12V cell 25°C)

**NOTE:** Case resin flame retardant material is UL94 VO

### Discharge Characteristics 77°F (25°C)

