



## Maintenance-Free Rechargeable Sealed Lead-Acid Battery



# BTX14A-SLA

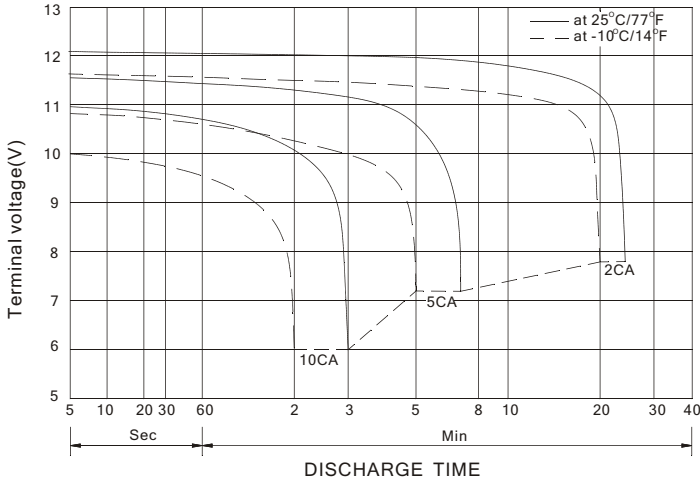
The battery is constructed by plates, separators, safety valves and container. Since the electrolyte is held by a glass-mat separator and plates, the battery is maintenance-free, Vibration-proof. Superior dry-charged performance, More than one year storage in the drystate. Long service life.

### PERFORMANCE SPECIFICATIONS

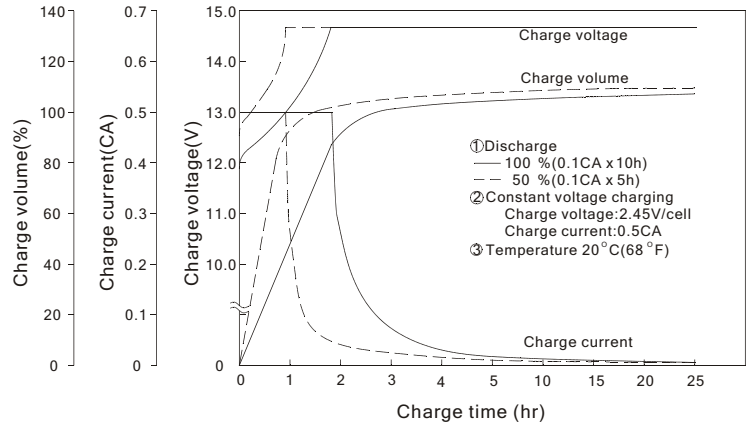
Nominal Voltage(V).....	12 volts(6cells in series)
Nominal Capacity(AH)	
10 Hour rate(F.V.1.75V/cell) (1200mA to 10.50Volts).....	12.0AH(AT 20°C/68°F)
2 Min rate(F.V.1.00V/cell) (120A to 6.0Volts).....	4.0AH(AT -10°C/14°F)
Approximate Weight(Dry/Wet).....	3870g(8.53lbs) / 4750g(10.47lbs)
Terminal	
Standard.....	Type C
Internal Resistance (Fully Charged Battery).....	<10m Ω
Maximum Discharge Current For 5 sec.(A).....	300A
Maximum Charge Current(A).....	6.0A
Cold Cranking Amps(-18°C/0°F).....	180A
Ambient Temperature	
Charge.....	0°C(32°F)~40°C(104°F)
Discharge.....	-20°C(-4°F)~50°C(122°F)
storage.....	-20°C(-4°F)~40°C(104°F)
Vibration test:	
Direction of vibration : Simple harmonic motion in up and down.	
Acceleration of vibration : 68.6 m/s <sup>2</sup>	
Frequency of vibration : The frequency is increased from 50 Hz to 500 Hz and decreased	
From 500 Hz to 50 Hz continuously at a constant rate.	
The time required for this sweeping Cycle shall be 10 min.	
Duration of vibration : 2 hr	
The battery have no abnormality.	
Case.....	PP
Dimension(mm/inch)	
Length           ±1.5mm.....	150/5.91
Width           ±1.5mm.....	87/3.43
Container Height ±1.5mm.....	145/5.71
Total Height   ±2mm.....	145/5.71
Application of Motorcycles Brand.....	Honda ST1100(1100C.C).
	Yamaha C4CC(1200C.C).
	Suzuki GSX1100G(1100C.C).

# BTX14A-SLA Battery Discharge Characteristics

Note : C=10HR Nominal Capacity (AH)

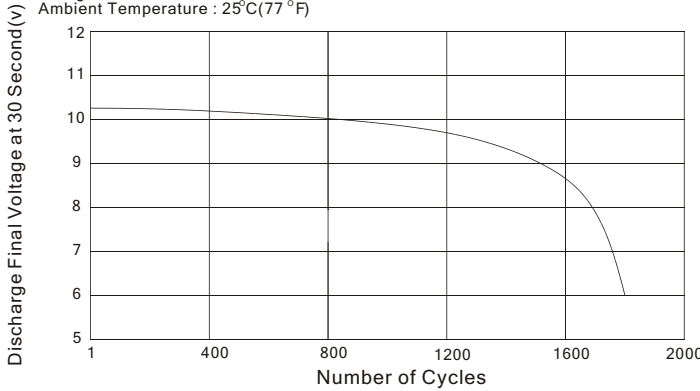


# CHARGING CHARACTERISTICS

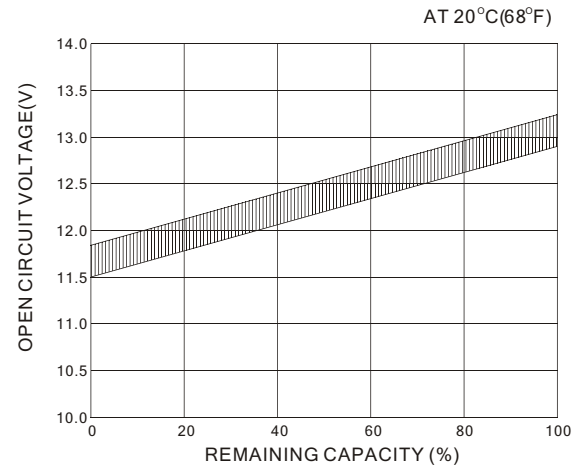


# Cycle Life at High Rate Discharge

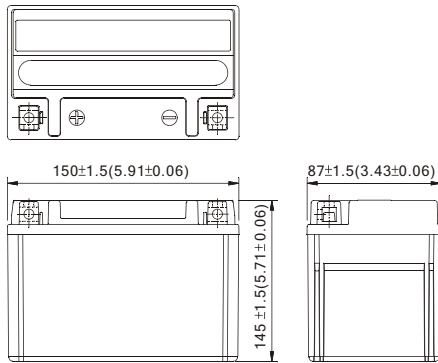
Testing Conditions : Discharge Current : 10CA(120A)  
 Discharge Time : 30Second  
 Constant Voltage Charge : 2.45V/Cell  
 Charge Current : 0.5CA(6.0A)  
 Charge Time : 2Hour  
 Ambient Temperature : 25°C(77 °F)



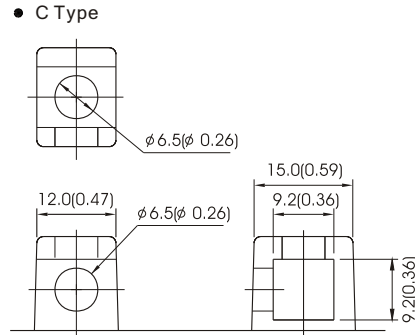
# OPEN CIRCUIT VOLTAGE VS REMAINING CAPACITY



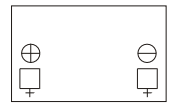
# OUTER DIMENSIONS



# TERMINAL TYPE



# TERMINAL POSITION



**B.B. BATTERY CO., LTD.**

Web Site: <http://www.bb-battery.com>

**USA:**  
 B&B BATTERY(USA) INC.  
 6415 RANDOLPH ST.COMMERCE,  
 CA,90040 U.S.A.  
 TEL:1-323-278-1900.1-800-278-8599  
 FAX:1-323-278-1268  
 E-Mail:sales@bb-battery.com

**EUROPE:**  
 B&B BATTERY(EUROPE) B.V.  
 3 WIJNGAARDVELD, 9300 AALST,BELGIUM  
 TEL:(00)32-53781567  
 FAX:(00)32-53781567  
 E-Mail:hansdevriese@bb-battery.com

**CHINA FACTORY:**  
 B.B. BATTERY CO., LTD.  
 CHENG DONG TRIAL AREA,HUANG GANG,  
 RAOPING, GUANG DONG,CHINA,515700  
 TEL:86-768-7601001-2  
 FAX:86-768-7601469  
 E-Mail:maggy@bb-battery.com

**HONG KONG:**  
 NATIONAL TRADING LTD.  
 TEL:852-2301-3800  
 FAX:852-2739-1182  
 E-Mail:bbhk@hkstar.com

**JAPAN:**  
 B&B BATTERY(JAPAN) CO., LTD.  
 1375-11 NARAHARA-MACHI,HACHIOJI,  
 TOKYO 193-0803,JAPAN.  
 TEL:81-426-256-537  
 FAX:81-426-256-537  
 E-Mail:miyata@bb-battery.com

**TAIWAN:**  
 B.B. BATTERY(TAIWAN) CO., LTD.  
 TEL:886-6-502-5150  
 FAX:886-6-589-8087  
 E-Mail:maggy@bb-battery.com



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