



Valve Regulated Lead-Acid Rechargeable Battery



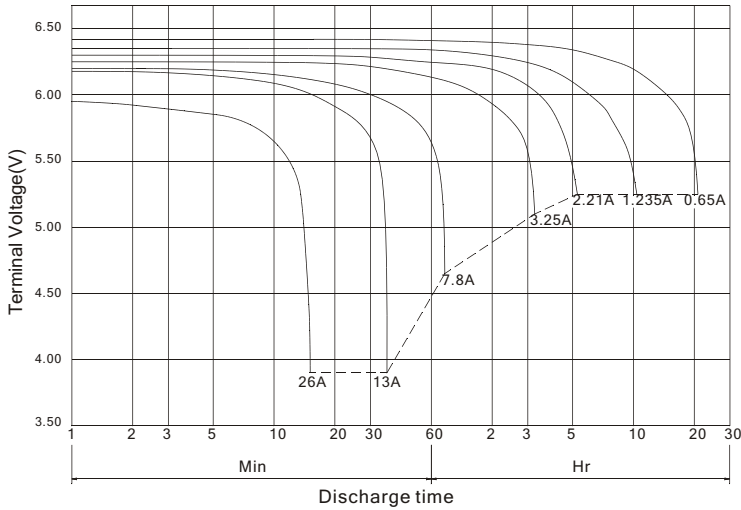
BP13-6H

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 can be used in any direction and position (but upside-down should be avoided) without leakage.

PERFORMANCE SPECIFICATIONS

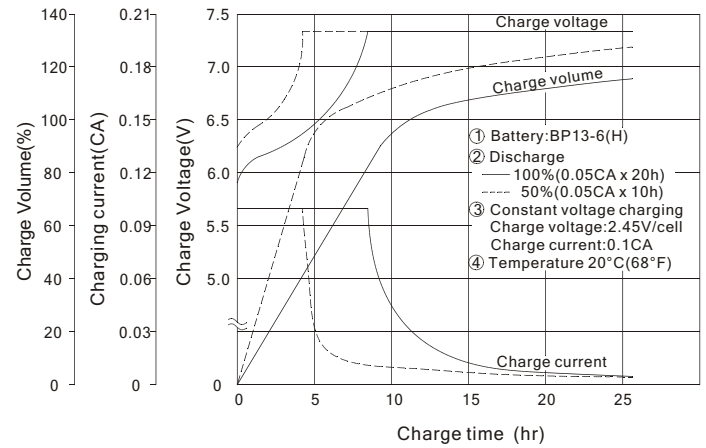
Nominal Voltage(V).....	6 volts(3cells in series)
Nominal Capacity(Ah)	
20 hour rate F.V.(1.75V/cell) (650mA to 5.25volts)	13.0Ah
10 hour rate F.V.(1.75V/cell) (1235mA to 5.25volts).....	12.35Ah
5 hour rate F.V.(1.75V/cell) (2210mA to 5.25volts)	11.05Ah
30 Min rate F.V.(1.30V/cell) (13000mA to 3.90volts).....	6.50Ah
Approximate Weight.....	2500g(5.51lbs.)
Terminal	
Standard.....	Type H
Fuse.....	Type 30A
Maximum Discharge Current For 5 sec.(A).....	30A
Maximum Charge Current(A).....	3.90A
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:	
Frequency: 16.7Hz	
Amplitude: 4mm	
Vibrate the battery horizontally or vertically for 60 minutes. The battery have no abnormality.	
Case.....	ABS: UL 94-HB
Dimension(mm/inch)	
Length ±1.5mm.....	108/4.25
Width ±1.5mm.....	71/2.80
Container Height ±1.5mm.....	140/5.51
Application.....	Electronic Toy-Cars,Emergency Lights, Rechargeable Flash Lights, Fans.

BP13-6H Battery discharge characteristics (25°C/77°F)



Battery Charging Characteristics

(Typical example of the charge characteristics for the cycle use)

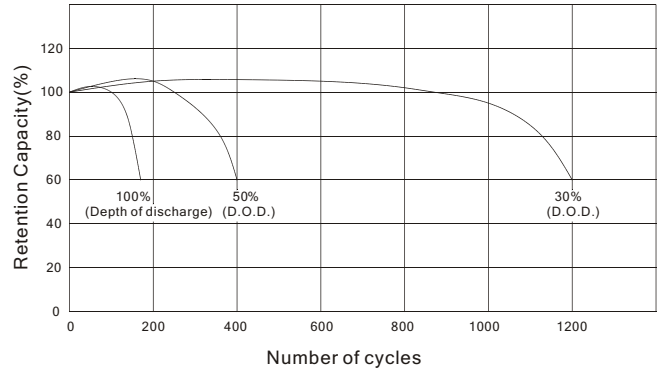


Charging Procedure

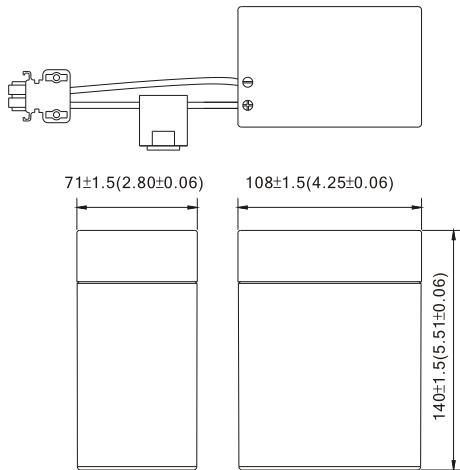
Application	Charging method	Charging Voltage at 20°C (V/cell)	Temperature compensation coefficient of charging voltage (mV/°C/cell)	Max. charging current (CA)	Charging time 0.1CA, 20°C (h)		Temp (°C)
					100% discharge	50% discharge	
For standby power Source	Constant voltage & Constant current charging	2.25~2.30	-3	0.3	24	20	0~40 (32~104°F)
For cycle service	(with current restriction)	2.40~2.50	-4	0.3	16	10	

Battery life characteristics of cyclic use

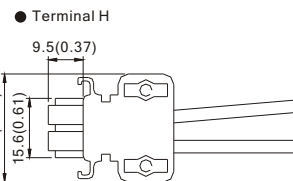
Testing Conditions : Discharge Current : 0.25C Amp (F.V. 1.7v/cell)
Charging Current : 0.1C Amp
Charging Volume : 120% OF Discharge Capacity
Ambient Temperature : 20C (68F)



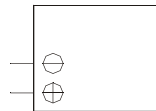
OUTER DIMENSIONS mm(inch)



TERMINAL TYPE



TERMINAL POSITION



Constant power discharge characteristics at 25°C/77°F

Final Voltage	Discharge time					
	30Min	1Hr	3Hr	5Hr	10Hr	20Hr
	Battery output power(W)					
5.40V	82.5	47.3	18.9	13.06	7.30	3.84
5.25V	85.6	48.7	19.3	13.26	7.41	3.90
5.10V	87.6	49.6	19.5	13.33	7.45	3.92
4.95V	88.8	50.2	19.6	13.38	7.47	3.93
4.80V	89.7	50.7	19.8	13.42	7.47	3.93



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
TEL:(00)32-53781567
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:81-426-25-6375
FAX:81-426-25-6375
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

