



Maintenance-Free Rechargeable Sealed Lead-Acid Battery



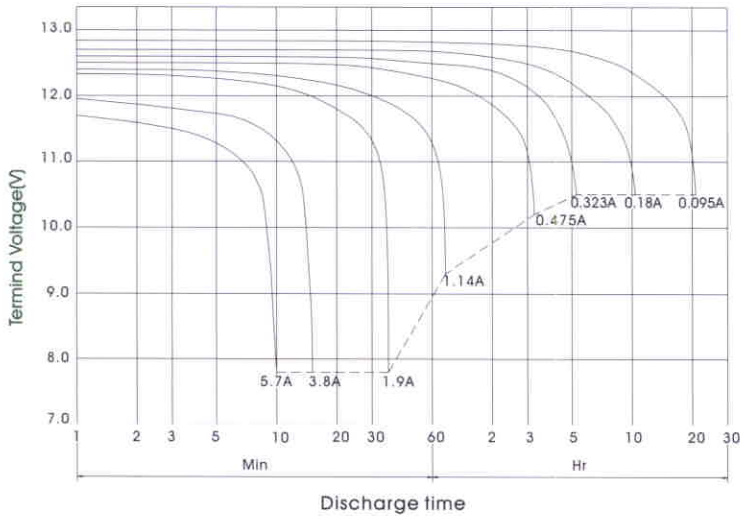
BP1.9-12

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 use in any direction and position without leakage.

PERFORMANCE SPECIFICATIONS

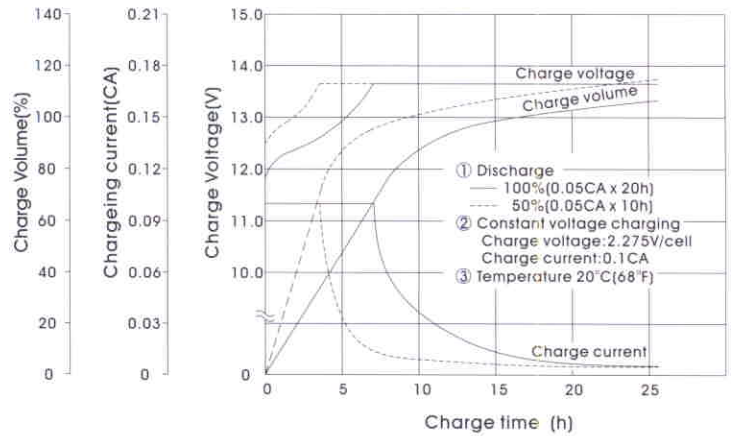
Nominal Voltage(V)	12 volts(6cells in series)
Nominal Capacity(AH)	
20 hour rate F.V.(1.75V/cell) (95mA to 10.50volts)	1.9A.H.
10 hour rate F.V.(1.75V/cell) (181mA to 10.50volts)	1.81A.H.
5 hour rate F.V.(1.75V/cell) (324mA to 10.50volts).....	1.62A.H.
1 hour rate F.V.(1.55V/cell) (1140mA to 9.30volts).....	1.14A.H.
Approximate Weight	920g(2.03lbs.)
Terminal	
Standard.....	Type T1
Internal Resistance (Fully Charged Battery)	<75m Ω
Maximum Discharge Current For 5 sec.(A)	28.5A
Maximum Charge Current(A)	0.57A
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
Dimension(mm/inch)	
Length ±1.5mm.....	178/7.01
Width ±1.5mm.....	34/1.34
Container Height ±1.5mm.....	60/2.36
Total Height ±2mm.....	65/2.56
Application	Video Camcorders (VCR).

BP1.9-12 Battery discharge characteristics (25°C/77°F)



BATTERY CHARGING CHARACTERISTICS

(Typical example of charge characteristics for the standby use)

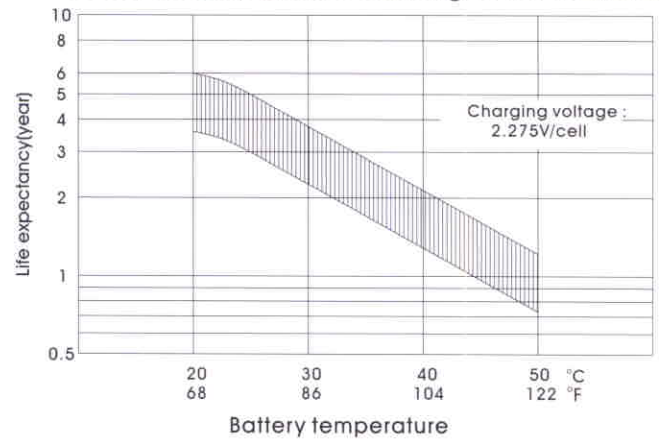


Charging Procedure

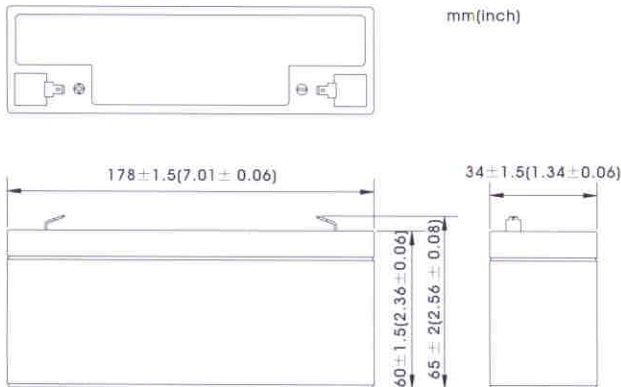
Application	Charging method	Charging Voltage at 20°C (V/cell)	Temperature compensation coefficient of charging voltage (mV/°C/cell)	Max. charging current (CA)	Charging time 0.1CA, 20°C (h)		Temp (°C)
					100% discharge	50% discharge	
For standby power Source	Constant voltage & Constant current charging (with current restriction)	2.25~2.30	-3.3 (-1.8mV/°F/cell)	0.3	24	20	0~40 (32~104°F)
For cycle service		2.40~2.50	-5 (-2.8mV/°F/cell)	0.3	16	10	

*Temperature compensation of charging voltage is not needed, when using the batteries within 5°C to 35°C range.

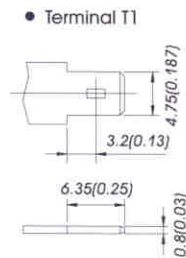
Effect of Temperature on Long Term Float Life



OUTER DIMENSIONS



TERMINAL TYPE mm(inch)



TERMINAL POSITION



B.B. BATTERY CO., LTD.

USA:

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6415 RANDOLPH ST. CITY OF
COMMERCE, C.A. 90040 U.S.A.
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FAX: 1-323-278-1268 . 1-800-278-8599
Web Site: <http://www.bb-battery.com>

CHINA FACTORY:

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HUANG GANG, RAOPING
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FAX: 86-768-7601469
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