



Valve Regulated Lead-Acid Rechargeable Battery



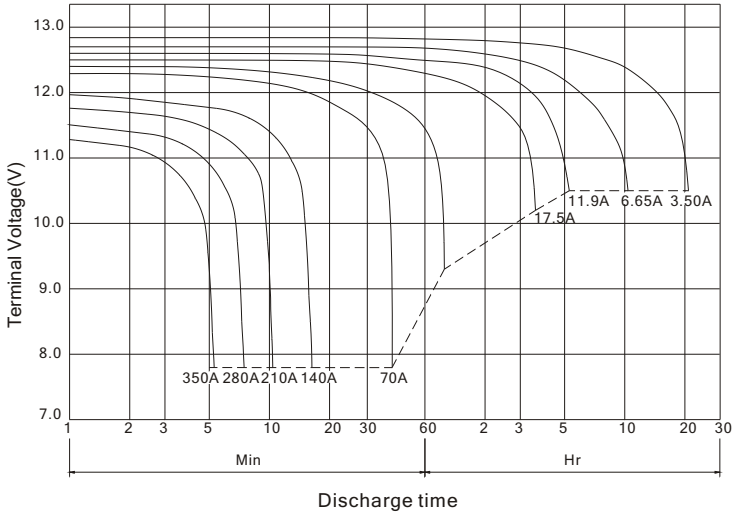
EVP70-12

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 be used in any direction and position without leakage.

PERFORMANCE SPECIFICATIONS

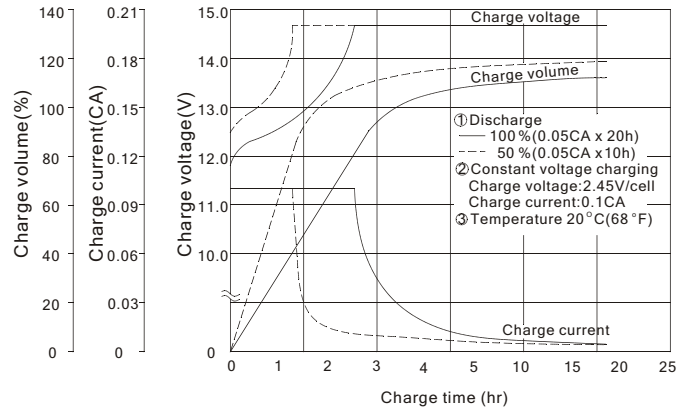
Nominal Voltage(V).....	12 volts(6cells in series)
Nominal Capacity(AH)	
20 Hour rate F.V.(1.75V/cell) (3.5A to 10.50volts)	70.0A.H.
5 Hour rate F.V.(1.75V/cell) (11.9A to 10.50volts)	59.5A.H.
30 Min rate F.V.(1.30V/cell) (87.5A to 7.80volts).....	43.8A.H.
Approximate Weight.....	25.0kg(55.13lbs.)
Terminal	
Standard.....	Type B5
Optional.....	Type I2
Internal Resistance (Fully Charged Battery).....	<4mΩ
Maximum Discharge Current For 5 sec.(A).....	650A
Maximum Charge Current(A).....	21.0A
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 ±2mm.....	350/13.78
Width ±2mm.....	166/6.54
Container Height ±2mm.....	174/6.85
Total Height ±2mm.....	174/6.85
Application.....	Wheelchairs, Lawn Mowers, Electronic Medical Equipment, Golf-Carts.

EVP70-12 Battery discharge characteristics (25 °C/77 °F)



Battery Charging Characteristics

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



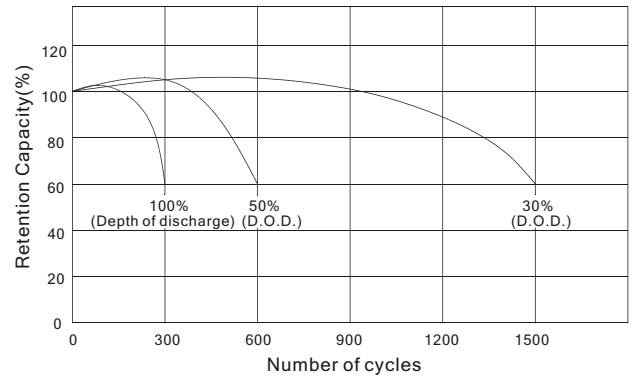
Charging Procedure

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 (with current restriction)	2.25~2.30	-3	0.3	24	20	0~40 (32~104°F)
For cycle service		2.40~2.50	-4	0.3	16	10	

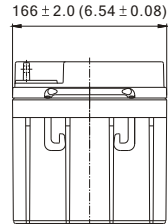
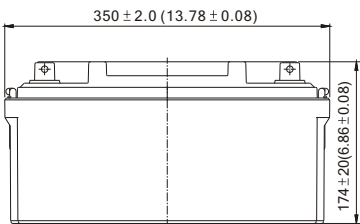
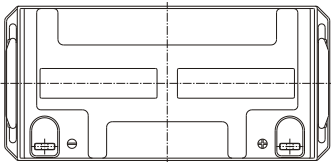
*Temperature compensation of charging voltage is not needed, when using the batteries within 5 °C to 35 °C range.

Battery Life Characteristics of Cyclic Use

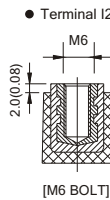
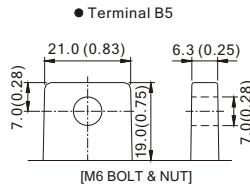
Testing Conditions : Discharge Current : 1C Amp (F.V. 1.60v/cell)
Charging Current : 0.1C Amp
Charging Volume : 120% of Discharge Capacity
Ambient Temperature : 20 °C (68 °F)



OUTER DIMENSIONS mm (inch)



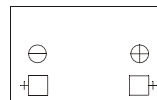
TERMINAL TYPE mm (inch)



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

Final Voltage	Discharge time								
	5Min	10Min	15Min	30Min	45Min	1Hr	3Hr	5Hr	10Hr
10.80V	3007	2130	1612	963	681	549	223	140.8	78.4
10.50V	3481	2308	1693	999	710	565	228	143.2	80.0
10.20V	3699	2401	1742	1021	724	578	230	144.3	80.5
9.90V	3866	2453	1782	1037	733	584	232	144.9	80.7
9.60V	3993	2498	1814	1050	741	589	233	145.4	80.7

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:81-426-25-6375
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

