



CB100CVAGM



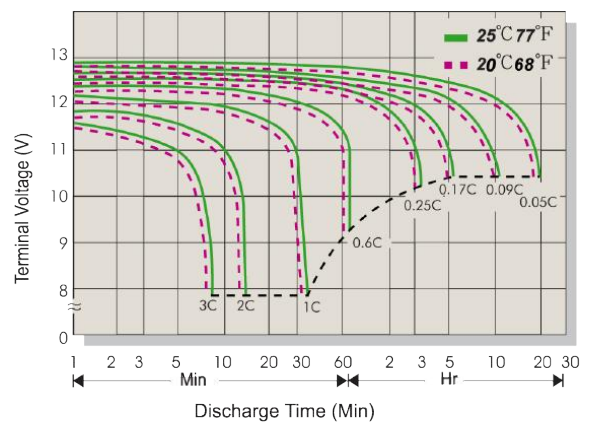
Constant Current Discharge Rating Amperes @ 25°C (77°F)

F.V./Time	5M	15M	45M	3HR	8HR	20HR
9.6V	327.0	174.8	83.6	27.1	11.4	4.70
10.2V	292.4	162.2	79.4	26.1	11.1	4.58
10.5V	266.6	155.5	76.7	25.5	10.8	4.50

Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		100Ah
Dimension	Total Height (with terminals)	190mm
	Height	190mm
	Length	175mm
	Width	355mm
Weight		Approx. 23.2kg

Discharge characteristics 25°C (77°F)



Characteristics

Capacity 25°C (77°F)	20 hour rate 5 hour rate	100AH 93AH
Internal Resistance	Full charged Battery 25°C (77°F)	4mΩ
Capacity affected by Temperature (20 hour rate)	40°C (104°F) 25°C (77°F) 0°C (32°F) -10°C (14°F)	107% 100% 76% 66%
Self-Discharge	Batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.	
Standard Terminal	M6	
Max. Discharge Current 25°C (77°F)	900A (5s)	
Final Discharge Voltage V/cell	1.75V	1.70V
Discharge Current (A)	A) ≤0.2C	A) < 1.0C
Charging (Constant Voltage)	Cycle	Initial Charging Current 27.0A Or Small 14.4V~14.7V/ 25°C (77°F)
	Float	13.5V~13.8V/ 25°C (77°F)
Container Material	.S. (UL94-HB), Flammability resistance of UL94-V1 can be available upon request.	

Charge characteristic Curve for standby use

