



CB90CV

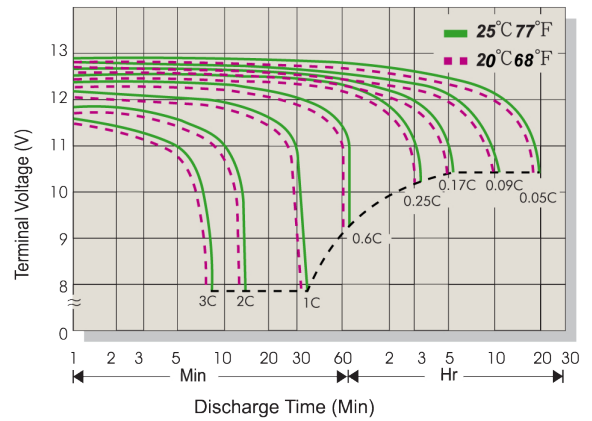
Constant Current Discharge Rating Amperes @ 25°C (77°F)

F.V/Time	5M	15M	45M	3HR	8HR	20HR
9.6V	283.1	167.5	79.6	23.2	9.8	4.38
10.2V	257.6	155.9	76.4	22.8	9.6	4.31
10.5V	246.6	151.2	74.1	22.4	9.5	4.25

Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		85Ah
Dimension	Total Height (with terminals)	190mm (7.48 inches)
	Height	190mm (7.48 inches)
	Length	315mm (12.40 inches)
	Width	175mm (6.89 inches)
Weight		Approx. 24.0kg (52.8lbs)

Discharge characteristics 25°C (77°F)



Characteristics

Capacity 25°C (77°F)	20 hour rate	85AH	
	5 hour rate	73AH	
Internal Resistance	Full charged Battery 25°C (77°F)	4.5mΩ	
Capacity affected by Temperature (20 hour rate)	40°C (104°F)	107%	
	25°C (77°F)	100%	
	0°C (32°F)	76%	
	-10°C (14°F)	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)	850A (5s)		
Final Discharge Voltage V/cell	1.75V	1.70V	1.60V
Discharge Current (A)	A) ≤0.2C	A) < 1.0C	(A) ≥1.0C
Charging (Constant Voltage)	Cycle	Initial Charging Current 25.5A 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

