

EMERGENCY
LIGHT
SYSTEM



FIRE &
SECURITY
SYSTEM



CAR & OTHER
STARTING
APPLICATIONS



ELECTRO-
MEDICAL
DEVICES



UPS



RAILWAY
SIGNAL



COMMUNICATIONS
POWER SUPPLY



DC POWER
SUPPLY

BCN(G)-2V1500



Batteries come standard with a special tray

Application

Emergency Light Systems
Fire & Security System
Cars & other Starting Applications
Medical Equipment
Uninterruptible Power Supply(UPS)
Railway signal
Communication Power Supply
DC Power Supply

BATTERY BCN(G)-2V1500AH
Sealed Lead Acid Maintenance Free

Specifications

Nominal Voltage		2V
Rated Capacity (10 hour rate)		1500AH
Dimensions	Total Height (with terminals)	15.04 inches (382mm)
	Height	13.54 inches (344mm)
	Length	15.79 inches (401mm)
	Width	13.82 inches (351mm)
Weight		Approx. 199.1 Pound (90.5kg)

Characteristics

Capacity 77°F(25°C)	10 hour rate (150 A)	1500Ah
	5 hour rate (255 A)	1275Ah
	1 hour rate (825 A)	825Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	0.3mΩ
Capacity Affected by Temperature (20hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 77°F(25°C)	Capacity after 3 months storage	91%
	Capacity after 6 months storage	81%
	Capacity after 12 months storage	60%
Max. Discharge Current 77°F(25°C)	10500A(5S)	
Terminal	T3	
Charge (Constant Voltage)	Cycle	Initial Charging Current Less than 300A Voltage 2.35 V / 77 °F (25 °C) Equalization temperature compensation coefficient: -4mV/°C
	Float	Voltage 2.25 V / 77 °F (25 °C) Compensation coefficient of floating charging temperature: -3mV/°C

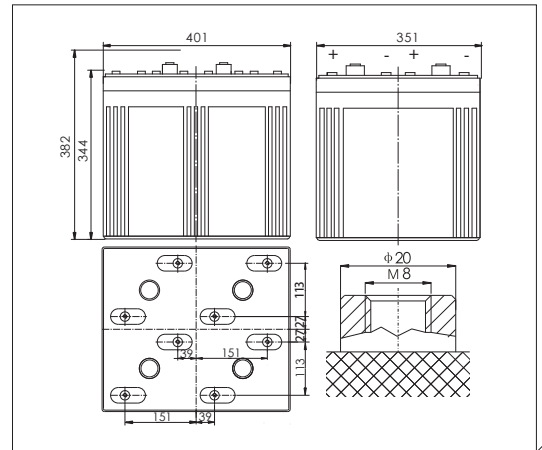
Constant Current Discharge (Amperes @25°C)

F.V/Time	10Min	15Min	30Min	1Hour	3Hour	5Hour	8Hour	10Hour	20Hour
1.60	2775	2250	1620	875	389	284	187	162	85.6
1.65	2670	2175	1560	842	387	282	185	160	84.9
1.70	2520	2070	1415	836	386	279	182	158	83.4
1.75	2200	1950	1248	825	383	266	180	156	82.6
1.80	2130	1875	1200	797	375	255	174	150	82.5
1.85	1740	1635	1104	734	368	246	166	144	76.4

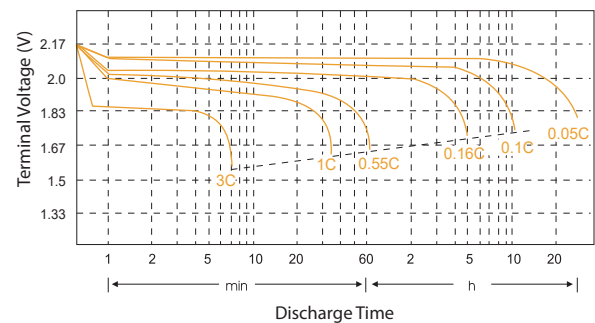
Constant Power Discharge (Watts Per Cell@25°C)

F.V/Time	10Min	15Min	30Min	1Hour	3Hour	5Hour	8Hour	10Hour	20Hour
1.60	4718	3937	2835	1706	759	540	356	308	163
1.65	4672	3806	2730	1642	755	536	351	304	161
1.70	4410	3622	2476	1630	753	530	347	300	158
1.75	3916	3471	2246	1609	747	505	342	296	157
1.80	3791	3375	2220	1554	731	485	329	285	156
1.85	3306	3107	2098	1431	718	467	316	274	145

• Manufactured by factory with ISO 9001, ISO 14001, OHSAS 18001, CE, UL STANDARD



Discharge Curves 77°F(25°C)



Relationship Between Charge Voltage and Temperature

