



Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	260Ah@20hr-rate to 1.75V per cell @25°C
Weight	Approx. 71.0 Kg (Tolerance±3.0%)
Internal Resistance	Approx. 2.6 mΩ
Terminal	F14(M8)
Max. Discharge Current	2600A (5 sec)
Design Life	12 years (floating charge)
Max. Charging Current	78.0 A
Reference Capacity	C3 198.8AH C5 223.9AH C10 247.6AH C20 260.0AH
Float Charging Voltage	13.6 V~13.8 V @ 25°C Temperature Compensation: -3mV/°C/ Cell
Cycle Use Voltage	14.6 V~14.8 V @ 25°C Temperature Compensation: -4mV/°C/ Cell
Operating Temperature Range	Discharge: -20°C~ 60°C Charge: 0°C~ 50°C Storage: -20°C~ 60°C
Normal Operating Temperature Range	25°C± 5°C
Self Discharge	Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 6 months at 25°C and then recharging is recommended. Monthly Self-discharge ratio is less than 3% at 25 °C. Please charged batteries before using.
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.

BR-12V260AGM

Deep Cycle series batteries provide high integrity and reliability. It is specially designed for frequent cyclic charge and discharging. By using strong grids, thick plate and specially active material that are designed for repeated deep-discharge applications. The batteries offer 30% more cyclic life than the standby series. It is suitable for solar and wind renewable energy storage, mobility and medical equipment and cable TV etc.



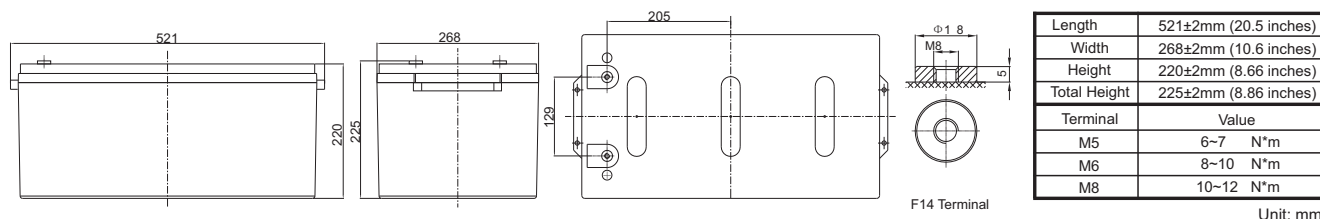
ISO 9001

ISO 14001

OHSAS18001



Dimensions



Constant Current Discharge Characteristics : A(25°C)

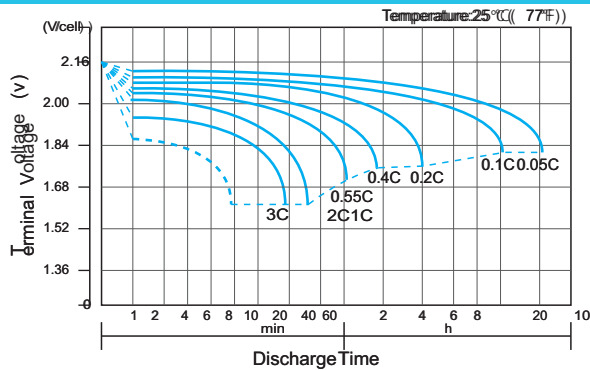
F.V/Time	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	455.9	280.3	157.9	94.04	73.25	57.46	48.88	31.35	26.00	13.47
1.65V	426.3	265.5	152.5	90.89	71.00	55.74	47.34	31.10	25.75	13.40
1.70V	400.9	251.8	147.6	88.47	68.00	54.02	46.06	30.61	25.26	13.23
1.75V	375.5	241.8	143.0	85.07	66.25	52.55	44.78	30.12	25.01	13.00
1.80V	343.9	232.9	136.6	82.16	65.00	51.32	44.20	29.62	24.76	12.87
1.85V	284.5	197.5	122.0	75.14	60.50	48.13	40.69	27.89	23.28	12.75

Constant Power Discharge Characteristics : WPC(25°C)

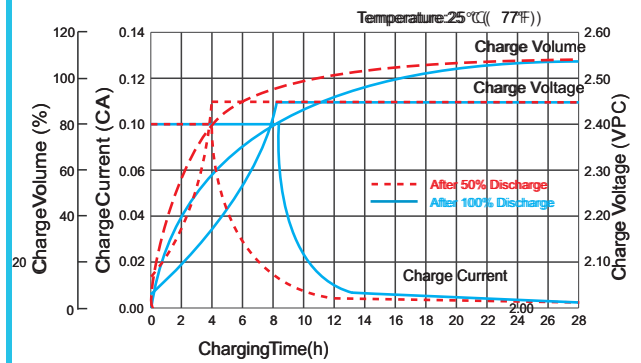
F.V/Time	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	795.2	509.3	296.5	177.8	139.1	110.7	92.52	61.09	50.99	26.90
1.65V	773.2	497.4	291.4	173.0	135.6	108.0	90.02	60.61	50.50	26.66
1.70V	731.9	473.5	282.8	168.7	130.4	104.6	87.77	59.87	49.52	26.42
1.75V	690.8	456.9	275.0	162.7	127.2	102.2	85.77	58.90	49.03	25.94
1.80V	638.6	442.1	263.8	159.0	126.5	100.2	84.61	57.92	48.54	25.70
1.85V	536.5	379.2	236.9	146.4	118.0	94.3	78.26	54.74	45.84	25.46

BR-12V260AGM

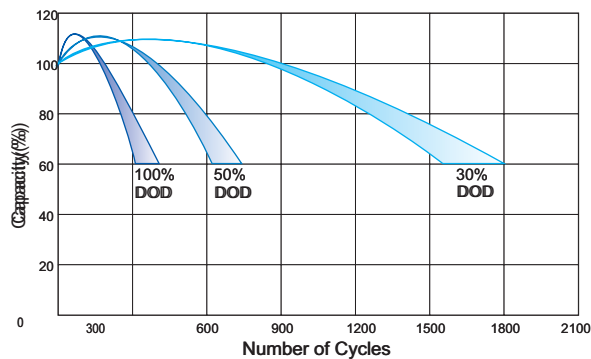
Discharge Characteristics Curve



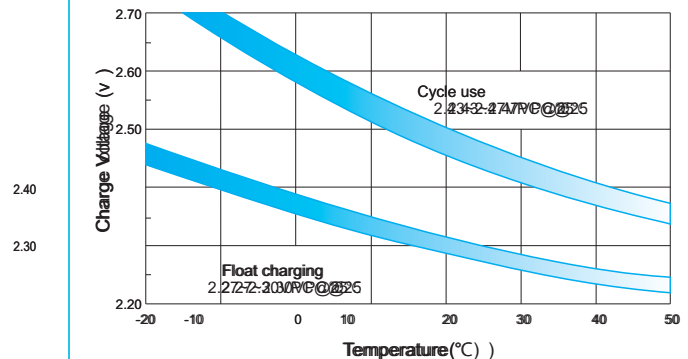
Charge Characteristics Curve Cycle (I_{sc}(I_u))



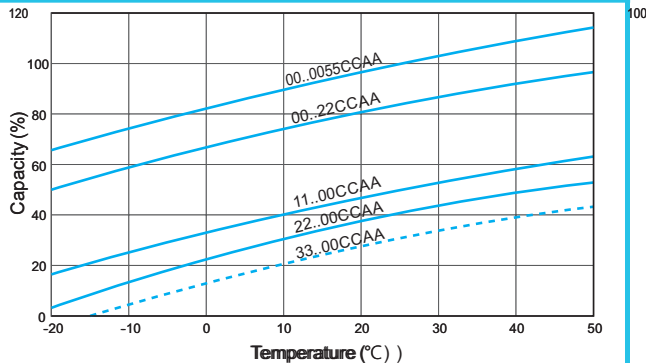
Cycle Life Relationship Depth of Discharge



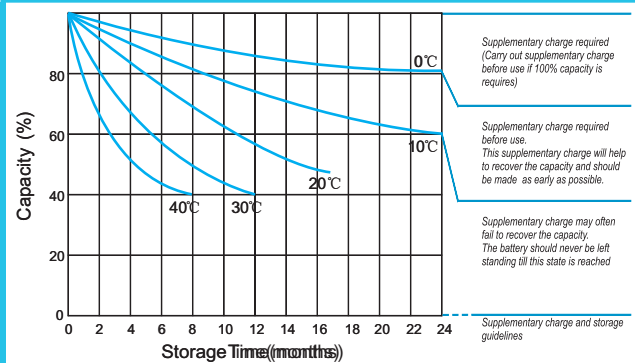
Relationship Between Charging Voltage and Temperature



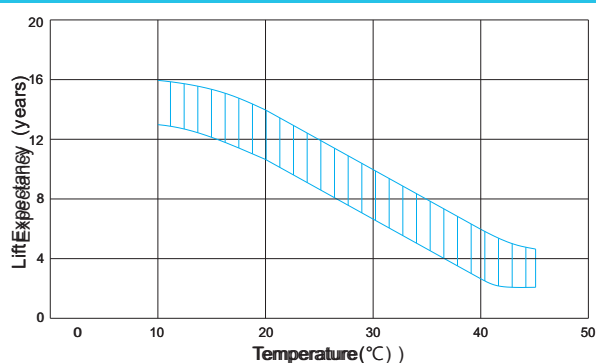
Temperature Effects of Capacity



Storage Characteristics



Effect of Temperature on Long Term Life



Relationship of OCV Relationship of OCV And State of Charge (20°C)

