

GLORY ASDC2-3000 (2V3000Ah)

Specification

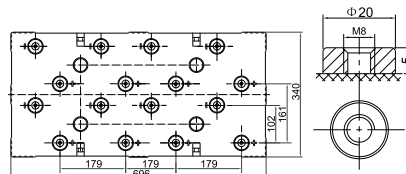
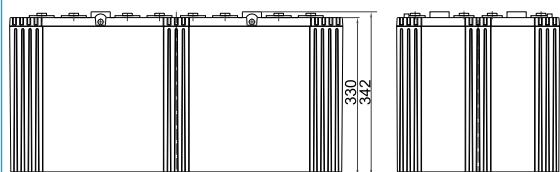
Cells Per Unit	1
Voltage Per Unit	2
Capacity	3000Ah@10hr-rate to 1.80V per cell @25°C
Weight	Approx. 178.0 Kg (Tolerance ±3%)
Internal Resistance	Approx. 0.3 mΩ
Terminal	F10(M8)
Max. Discharge Current	9000A (5 sec)
Design Life	20 years (floating charge)
Max. Charging Current	600.0 A
Reference Capacity	C1 1833.0Ah C3 2321.7Ah C5 2617.5Ah C10 3000.0Ah
Float Charging Voltage	2.27 V~2.30 V @ 25°C Temperature Compensation: -3mV/°C/Cell
Cycle Use Voltage	2.43 V~2.47 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	TECHNOPOWER 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.



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



Dimensions



F10 TERMINAL

Length	696±2mm (27.4 inches)
Width	340±2mm (13.4 inches)
Height	330±2mm (13.0 inches)
Total Height	342±2mm (13.5 inches)
Terminal	Value
M5	6~7 N*m
M6	8~10 N*m
M8	10~12 N*m

Unit: mm

Constant Current Discharge Characteristics :A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR
1.60V	2872	1833	1129	846.1	681.1	566.0	380.4	316.5
1.65V	2758	1770	1093	820.0	662.7	551.3	376.1	312.6
1.70V	2636	1713	1057	797.8	644.7	537.0	370.3	307.9
1.75V	2519	1650	1020	773.9	628.2	523.5	365.2	303.9
1.80V	2408	1587	983.3	750.0	610.1	510.0	358.9	300.0
1.85V	2074	1423	901.0	693.3	567.1	475.6	337.0	282.4

Constant Power Discharge Characteristics : WPC(25°C)

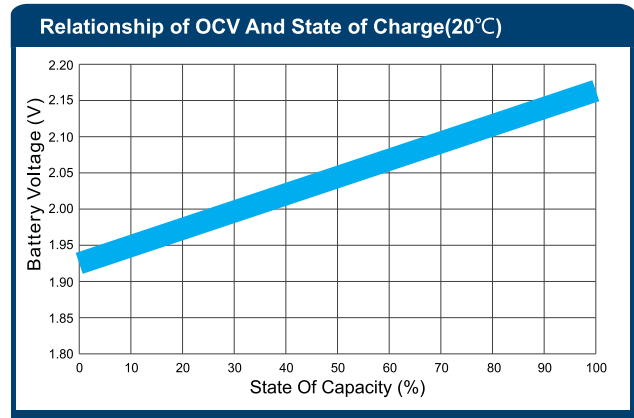
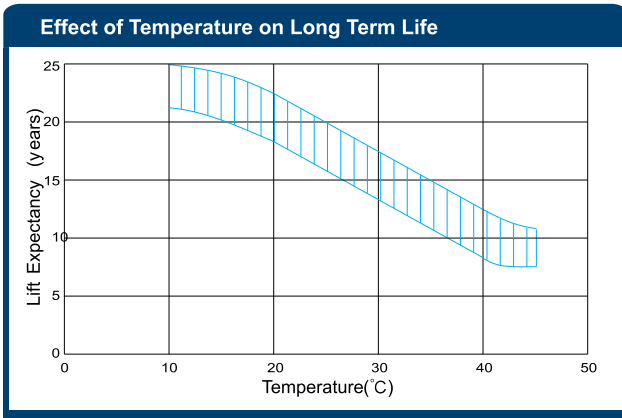
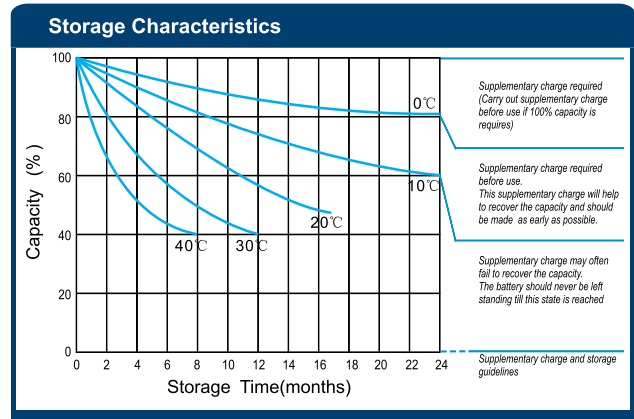
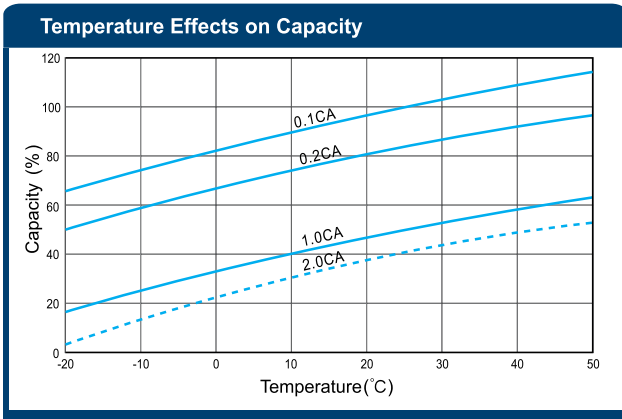
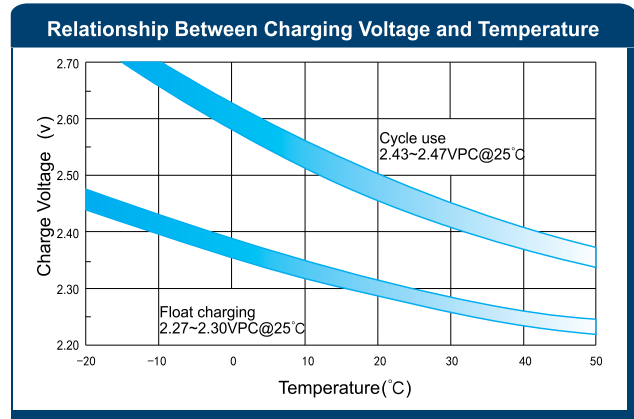
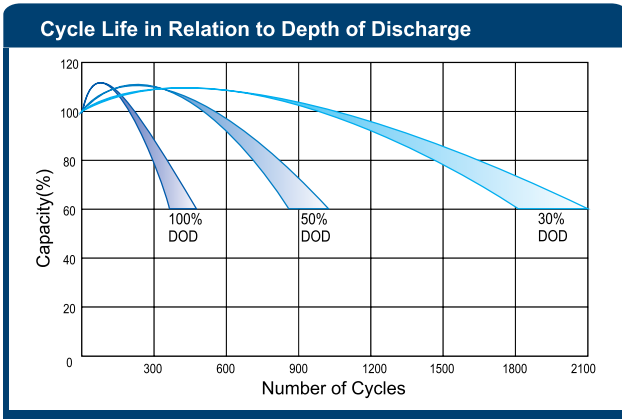
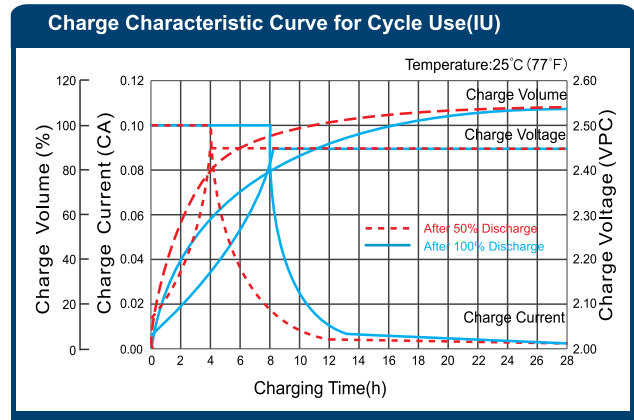
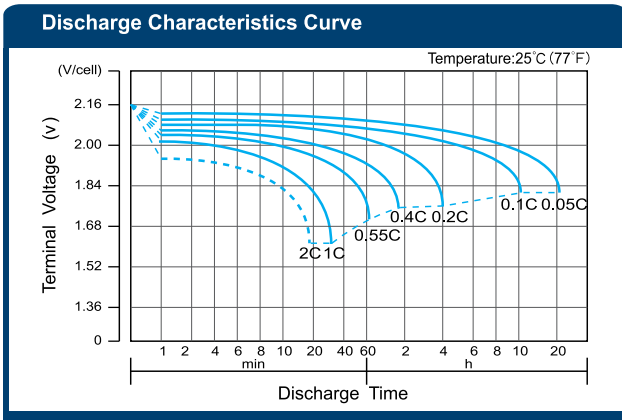
F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR
1.60V	5217	3445	2139	1616	1308	1091	742.9	622.1
1.65V	5061	3346	2081	1573	1277	1067	736.1	615.4
1.70V	4886	3257	2024	1537	1247	1043	726.3	606.9
1.75V	4718	3157	1962	1497	1220	1020	717.7	599.7
1.80V	4555	3054	1901	1457	1189	997.0	707.1	592.8
1.85V	3962	2756	1752	1353	1109	932.8	665.4	558.9

(Note) The above characteristics data are average values obtained within three charge/discharge cycle not the minimum values. The battery must be fully charged before the capacity test. The C₁₀ should reach 95% after the first cycle and 100% after the third cycle.

Deep Cycle

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Deep Cycle



(Note) All above information shall be changed without prior notice, Ritar reserves the right to explain and update the latest information.