

# GLORY ASDC12-225 (12V225Ah)

## Specification

<b>Cells Per Unit</b>	6
<b>Voltage Per Unit</b>	12
<b>Capacity</b>	225Ah@20hr-rate to 1.75V per cell @25°C
<b>Weight</b>	Approx. 63.0 Kg (Tolerance ±3.0%)
<b>Internal Resistance</b>	Approx. 3.2 mΩ
<b>Terminal</b>	F16(M8)/F10 (M8)
<b>Max. Discharge Current</b>	2250A (5 sec)
<b>Design Life</b>	12 years (floating charge)
<b>Max. Charging Current</b>	67.5 A
<b>Reference Capacity</b>	C3 172.0AH
	C5 193.8AH
	C10 214.3AH
	C20 225.0AH
<b>Float Charging Voltage</b>	13.6 V~13.8 V @ 25°C Temperature Compensation: -3mV/°C/Cell
<b>Cycle Use Voltage</b>	14.6 V~14.8 V @ 25°C Temperature Compensation: -4mV/°C/Cell
<b>Operating Temperature Range</b>	Discharge: -20°C~60°C
	Charge: 0°C~50°C
	Storage: -20°C~60°C
<b>Normal Operating Temperature Range</b>	25°C ±5°C
<b>Self Discharge</b>	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.
<b>Container Material</b>	A.B.S. UL94-HB, UL94-V0 Optional.



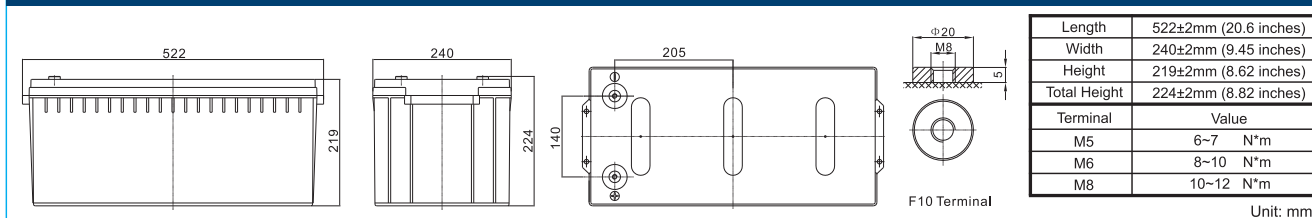
DC (Deep Cycle) series batteries provide superior high integrity and reliability. It is specially designed for frequent cyclic charge and discharging. By using strong grids, thick plate and specially active material are designed for repeated deep-discharge applications. The DC series batteries offer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



ISO 9001      ISO 14001      OHSAS 18001



## Dimensions



### Constant Current Discharge Characteristics : A(25°C)

F.V/Time	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	394.5	242.6	136.7	81.38	63.39	49.73	42.30	27.13	22.50	11.66
1.65V	368.9	229.8	132.0	78.65	61.44	48.24	40.97	26.92	22.29	11.60
1.70V	347.0	217.9	127.8	76.56	58.85	46.75	39.86	26.49	21.86	11.45
1.75V	325.0	209.3	123.8	73.62	57.33	45.48	38.75	26.06	21.64	11.25
1.80V	297.6	201.6	118.3	71.10	56.25	44.41	38.25	25.63	21.43	11.14
1.85V	246.2	170.9	105.6	65.02	52.36	41.65	35.21	24.14	20.14	11.04

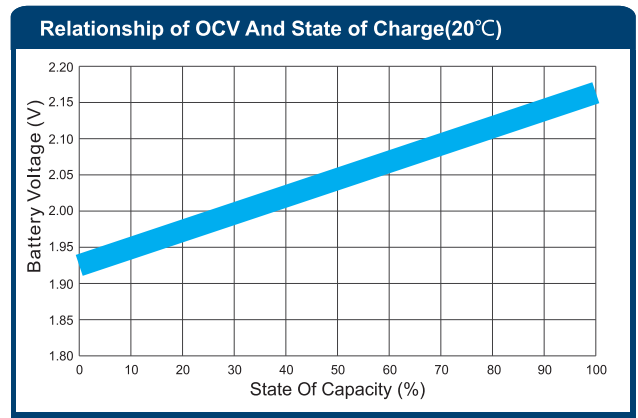
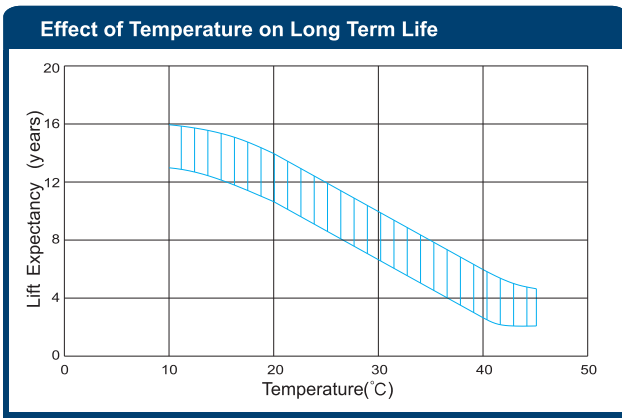
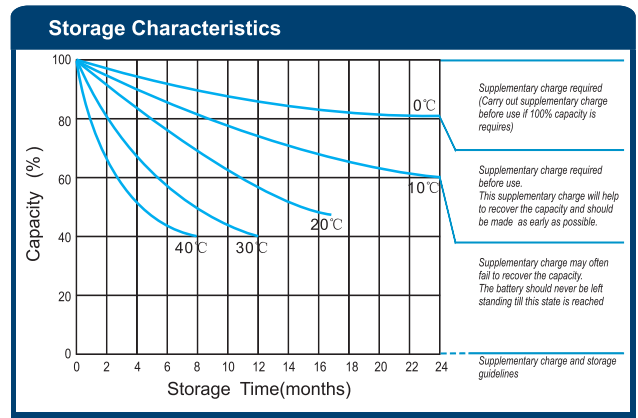
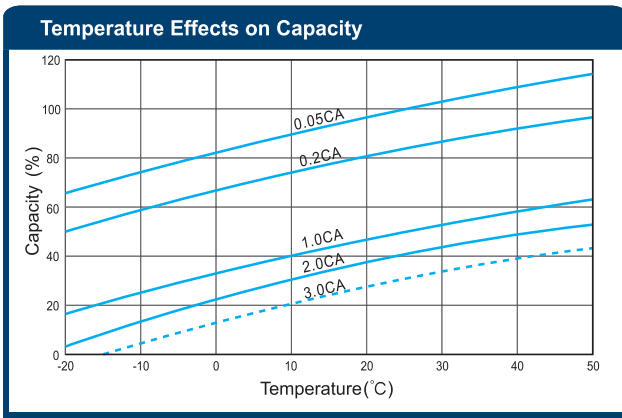
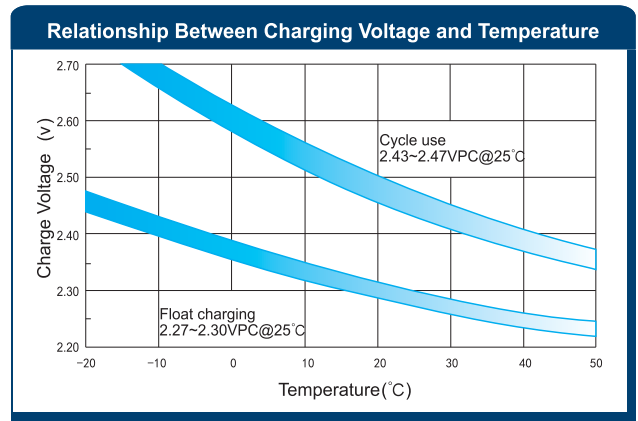
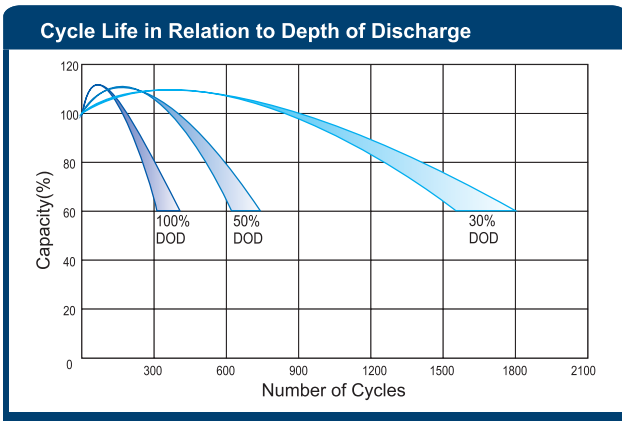
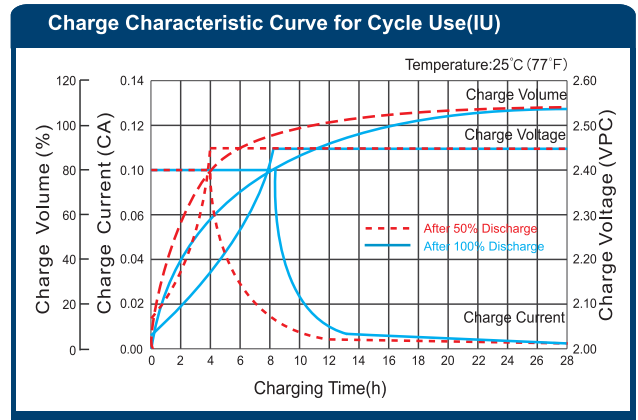
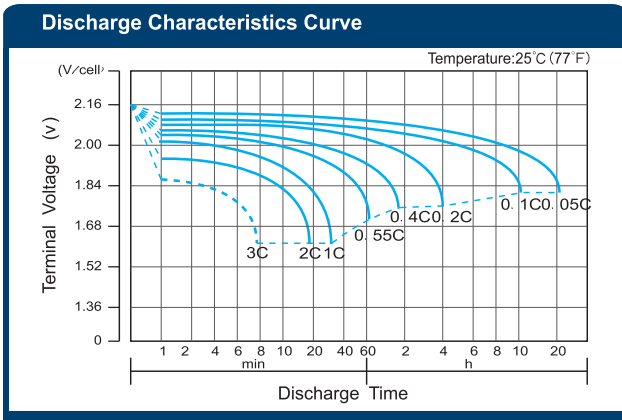
### Constant Power Discharge Characteristics : WPC(25°C)

F.V/Time	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	688.2	440.8	256.5	153.9	120.4	95.84	80.06	52.87	44.13	23.28
1.65V	669.1	430.5	252.2	149.7	117.4	93.50	77.90	52.45	43.70	23.07
1.70V	633.3	409.7	244.8	146.0	112.9	90.53	75.95	51.81	42.85	22.86
1.75V	597.8	395.4	238.0	140.8	110.1	88.40	74.22	50.97	42.43	22.45
1.80V	552.6	382.6	228.3	137.6	109.5	86.70	73.22	50.12	42.00	22.24
1.85V	464.3	328.1	205.0	126.7	102.1	81.60	67.73	47.37	39.67	22.03

(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 C<sub>20</sub> should reach 95% after the first cycle and 100% after the third 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.