

# GLORY ASDC12-260 (12V260Ah)

Deep Cycle

## Specification

<b>Cells Per Unit</b>	6
<b>Voltage Per Unit</b>	12
<b>Capacity</b>	260Ah@20hr-rate to 1.75V per cell @25°C
<b>Weight</b>	Approx. 72.0 Kg (Tolerance ±3.0%)
<b>Internal Resistance</b>	Approx. 3.2 mΩ
<b>Terminal</b>	F14 (M8)
<b>Max. Discharge Current</b>	2600A (5 sec)
<b>Design Life</b>	12 years (floating charge)
<b>Max. Charging Current</b>	78.0 A
<b>Reference Capacity</b>	C3 198.8AH
	C5 223.9AH
	C10 247.6AH
	C20 260.0AH
<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.

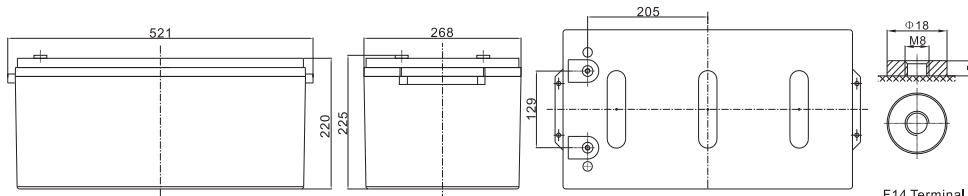


ISO 9001    ISO 14001    OHSAS 18001



MH 28539

## Dimensions



Length	521±2mm (20.5 inches)
Width	268±2mm (10.6 inches)
Height	220±2mm (8.66 inches)
Total Height	225±2mm (8.86 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	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)

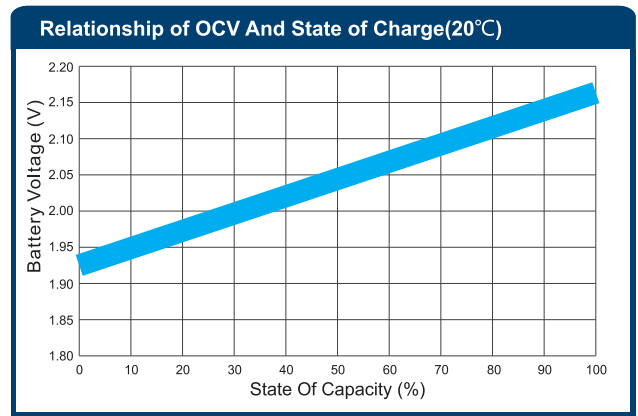
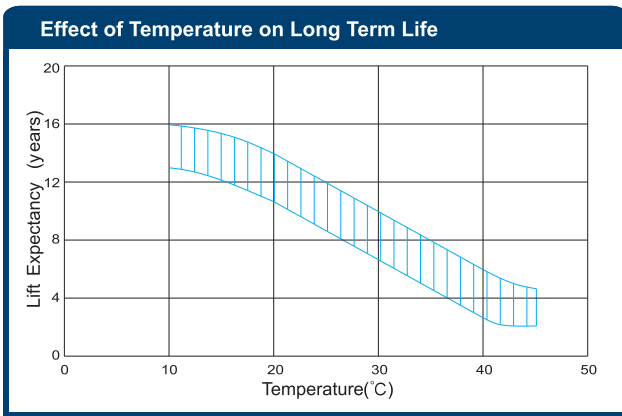
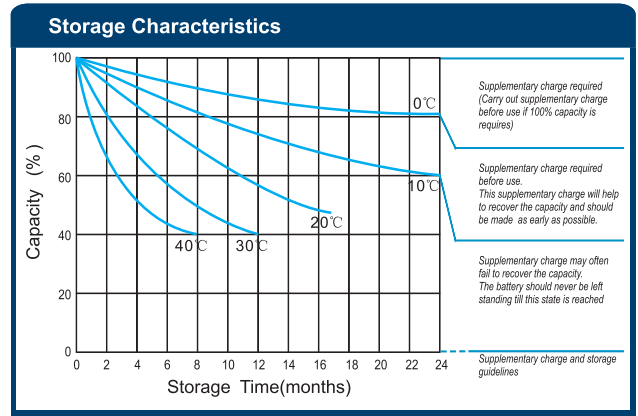
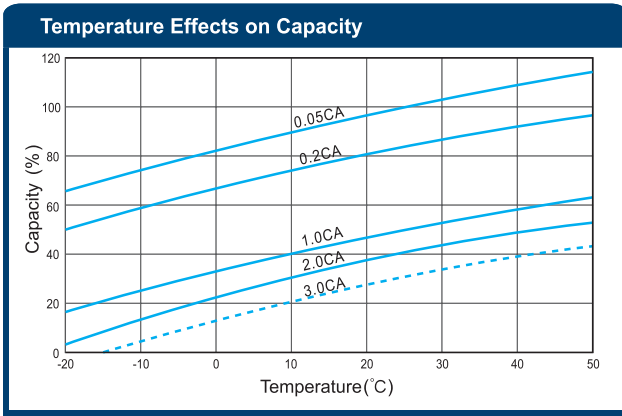
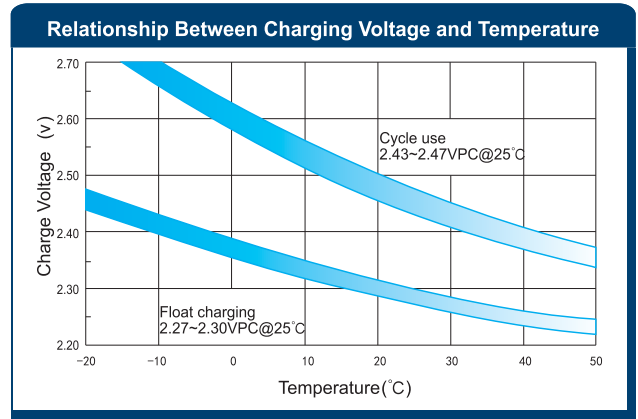
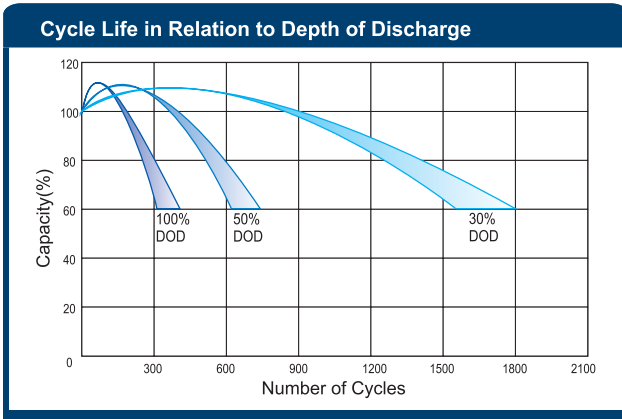
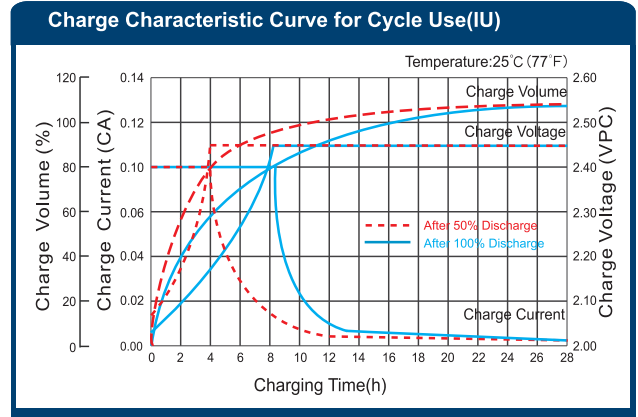
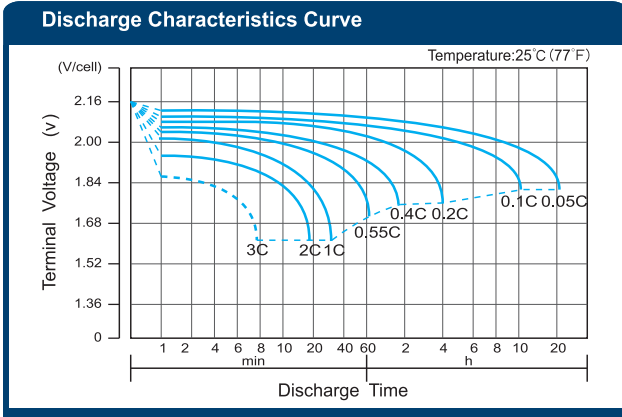
F.V/Time	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	795.2	509.3	296.5	177.8	139.1	110.7	92.52	61.09	50.99	26.90
1.65V	773.2	497.4	291.4	173.0	135.6	108.0	90.02	60.61	50.50	26.66
1.70V	731.9	473.5	282.8	168.7	130.4	104.6	87.77	59.87	49.52	26.42
1.75V	690.8	456.9	275.0	162.7	127.2	102.2	85.77	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

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