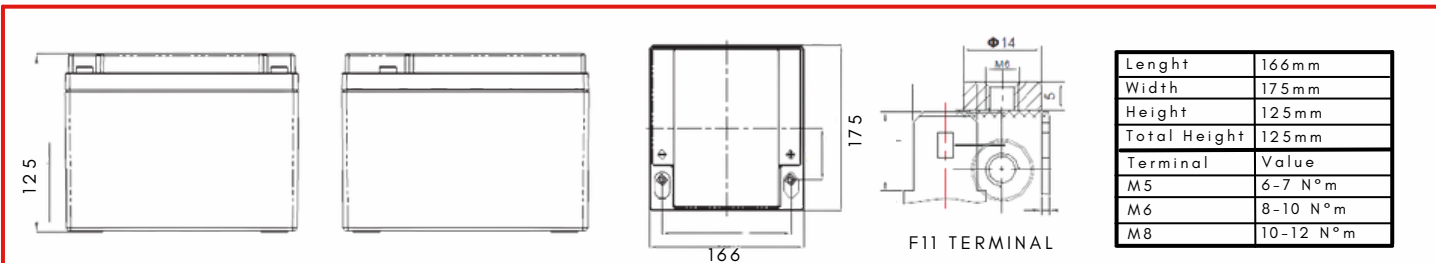


SPECIFICATIONS

Cells per Unit	6
Voltage per Unit	12
Capacity	26Ah@20hr-rate to 1.75V per cell@25°C
Weight	Approx. 9.4 Kg(Tolerance $\pm 3\%$)
Internal Resistance	Approx. $\leq 8 \text{ m}\Omega$
Terminal	F11/M6
Max. Discharge Current	312A (5sec)
Design Life	12 years(floating charge)
Max. Charging Current	7.8A
Reference Capacity	C3 20.3AH C5 22.3AH C10 24.5AH C20 26.0AH
Float Charging Voltage	13.7V $\approx$ 13.9V @25°C Temperature Compensation: $-3\text{mV}/^\circ\text{C}/\text{Cell}$
Cycle Use Voltage	14.6V $\approx$ 14.8V @25°C Temperature Compensation: $-4\text{mV}/^\circ\text{C}/\text{Cell}$
Operating Temperature Range	Discharge: $-20^\circ\text{C} \approx 60^\circ\text{C}$ Charge: $0^\circ\text{C} \approx 50^\circ\text{C}$ Storage: $-20^\circ\text{C} \approx 60^\circ\text{C}$
Normal Operating Temperature Range	$25^\circ\text{C} \pm 5^\circ\text{C}$
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 charge batteries before using
Container Material	A.B.S. UL94-HB, UL94-V0 Optional

DIMENSIONS



CONSTANT CURRENT DISCHARGE CHARACTERISTICS A(25°C)

F.V/Time	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
1.60V	53.08	30.51	17.91	10.22	7.22	5.64	4.71	3.18	2.63	1.35
1.65V	51.49	29.87	17.57	10.05	7.11	5.57	4.65	3.15	2.61	1.34
1.70V	49.41	29.03	17.13	9.82	6.96	5.46	4.57	3.1	2.57	1.32
1.75V	46.6	27.88	16.51	9.5	6.76	5.32	4.47	3.03	2.52	1.3
1.80V	42.83	26.3	15.67	9.06	6.48	5.12	4.32	2.94	2.45	1.27
1.85V	37.63	24.06	14.47	8.44	6.08	4.84	4.1	2.81	2.35	1.22

CONSTANT POWER DISCHARGE CHARACTERISTICS WPC(25°C)

F.V/Time	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
1.60V	92.8	55.42	33.49	19.37	13.79	10.83	9.08	6.22	5.17	2.66
1.65V	91.91	55.07	33.21	19.18	13.66	10.74	9.01	6.17	5.13	2.64
1.70V	88.96	53.81	32.47	18.8	13.41	10.57	8.88	6.08	5.07	2.61
1.75V	85.14	52.21	31.47	18.28	13.08	10.33	8.7	5.96	4.98	2.57
1.80V	79.35	49.75	30.01	17.52	12.59	9.98	8.44	5.8	4.85	2.51
1.85V	70.7	45.97	27.91	16.41	11.86	9.46	8.04	5.55	4.66	2.42

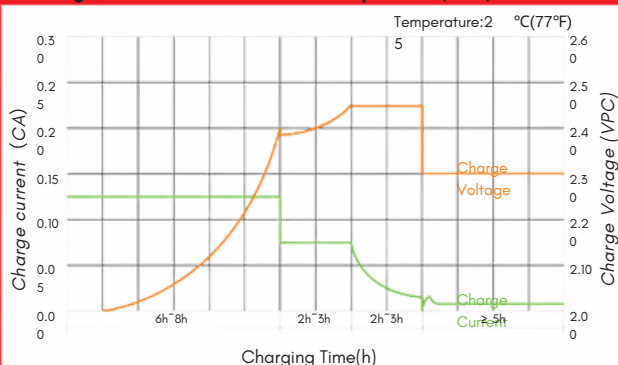
(Note)The above characteristics data are average values obtained within three charge/discharge cycle not the minimum values.
The battery must be fully charged before the capacity test. The C20 should reach 95% after the first cycle and 100% after the third cycle.

LDC | Lead Deep Cycle
AGM DEEP CYCLE SERIES

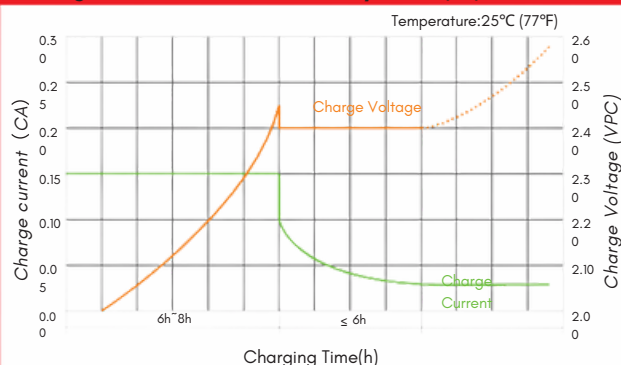
LDC series is specially designed for frequent discharge deep cycle application. By using the specially designed active material, strong grids and thick plate construction, the LDC series battery offers reliable performance in high load situations and could provide competitive cycle performance. It is suitable for Electric Vehicles and Golf Carts, Floor Machines, Forklifts, Aerial lifts, Robotics, Marine, RV, Mobility and Medical Equipment, and most outdoor application.



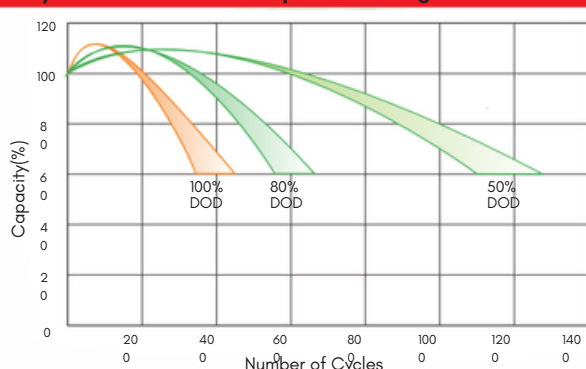
Charge Characteristic Curve for Cycle Use(IIUU)



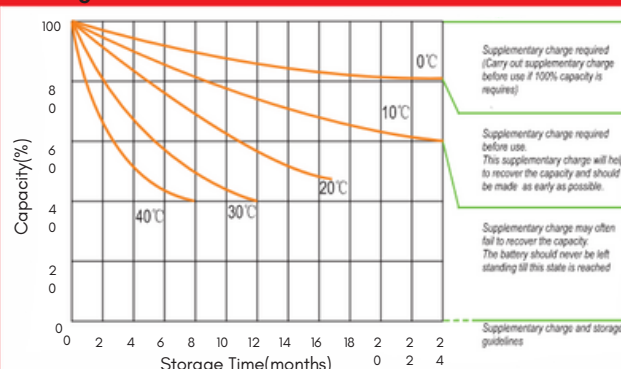
Charge Characteristic Curve For Cycle Use(IUI)



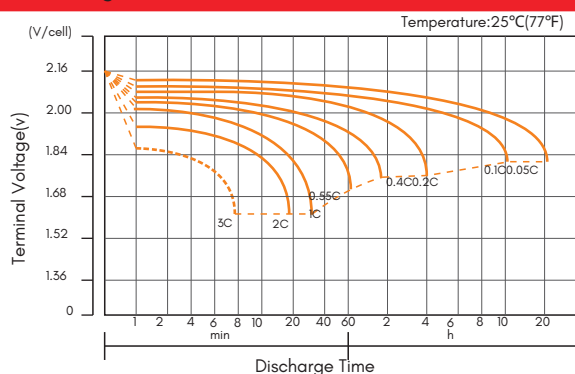
Cycle Life in Relation to Depth of Discharge



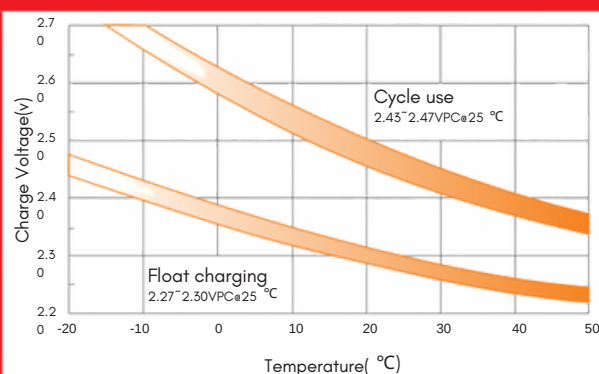
Storage Characteristics



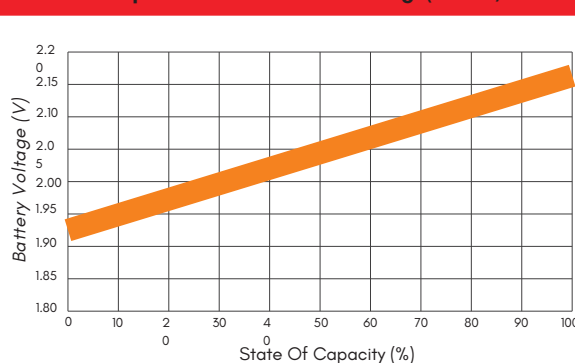
Discharge Characteristics Curve



Relationship Between Charging Voltage and Temperature



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



Temperature Effects on Capacity

