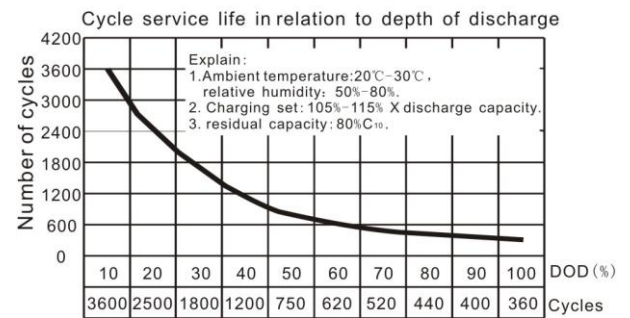
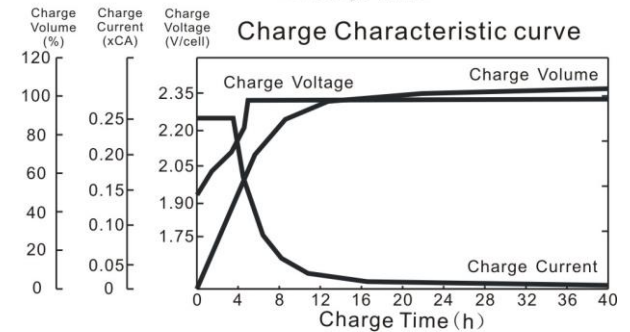
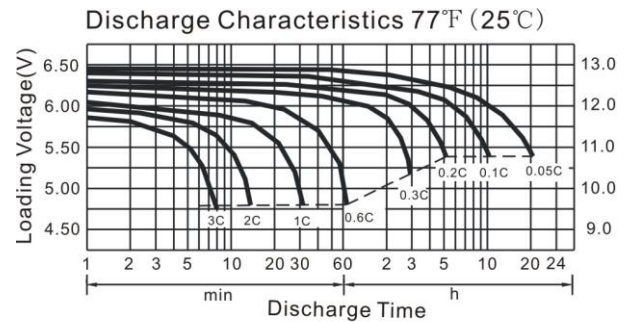


● Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (10HR)		120.0Ah
Dimensions (mm)	Length	407±3
	Width	177±2
	Height	222±3
	Total Height	225±3
Approx. Weight (kg)		35±3%
Terminal		T13

● Characteristic

Capacity 77°F(25°C)	20HR (6.54A)	130.8Ah
	10HR (12.24A)	122.4Ah
	5HR (21A)	105Ah
	1HR (75.9A)	75.9Ah
	15 min rate (255.2A)	63.8Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 4mΩ
Temperature dependence of capacity (10HR)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 68°F(20°C) (Capacity after)	3 months	90%
	6 months	80%
	12 months	60%
Max. Discharge Current, 77°F(25°C)		960A(5s)
Design life for deep cycle(DOD80%), 77°F(25°C)		500 Cycles
Constant Voltage Charge, 77°F(25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 30 A
	Float	13.6~13.8V(-18mV/°C)



Constant Current Discharge Characteristics (A), 77°F(25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	408.0	271.8	217.7	135.0	78.00	46.62	33.12	22.18	14.90	12.72	6.960
1.70V/cell	366.0	250.2	207.0	131.4	76.92	46.02	32.52	31.65	14.66	12.54	6.780
1.75V/cell	330.0	231.0	197.4	127.8	75.96	45.42	32.16	21.32	14.52	12.42	6.660
1.80V/cell	294.0	210.5	185.4	122.9	74.40	44.80	31.80	21.00	14.30	12.24	6.540

Constant Wattage Discharge Characteristics (Watt), 77°F(25°C)

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	703.8	484.7	395.5	252	149.5	90.91	65.69	44.09	29.66	25.33	13.91
1.70V/cell	646.6	454.5	381.2	247.5	148.1	90.12	64.66	43.15	29.25	25.04	13.56
1.75V/cell	591.3	425.4	366.8	242.5	146.9	89.33	64.11	42.61	29.04	24.84	13.32
1.80V/cell	534.1	393.1	347.6	235.5	144.5	88.85	63.55	42.00	28.61	24.48	13.08