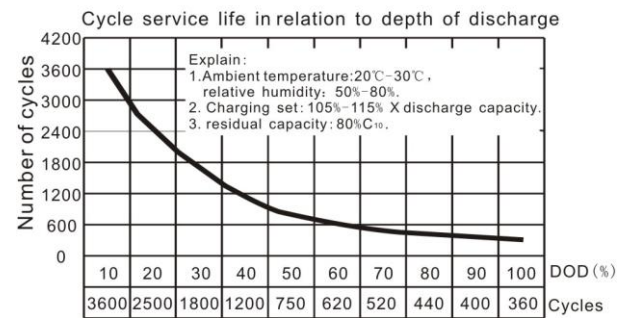
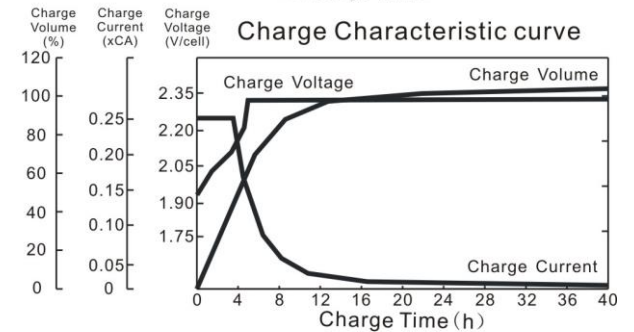
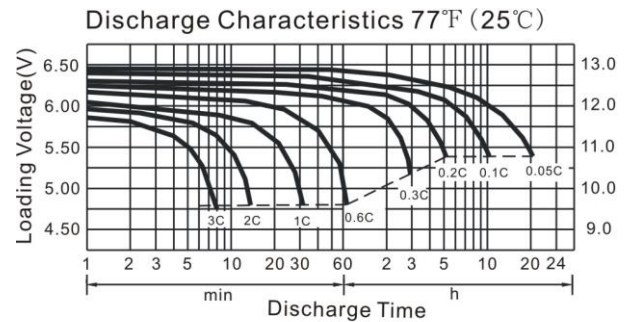


● Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (10HR)		100.0Ah
Dimensions (mm)	Length	329±3
	Width	172±2
	Height	217±3
	Total Height	220±3
Approx. Weight (kg)		30±3%
Terminal		T12

● Characteristic

Capacity 77°F(25°C)	20HR (5.50A)	109.0Ah
	10HR (10.2A)	102.0Ah
	5HR (17.5A)	87.5Ah
	1HR (58.0A)	63.3Ah
	15 min rate (175.0A)	43.8Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 5mΩ
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)		800A(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: 25 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	340.0	226.5	181.4	112.5	65.00	38.85	27.60	18.48	12.42	10.60	5.800
1.70V/cell	305.0	208.5	172.5	109.5	64.10	38.35	27.10	18.04	12.22	10.45	5.650
1.75V/cell	275.0	182.5	164.5	106.5	63.30	37.85	26.80	17.77	12.10	10.35	5.550
1.80V/cell	245.0	175.5	154.5	102.4	62.00	37.33	26.50	17.50	11.92	10.20	5.450

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	586.5	403.9	329.5	210.0	124.6	75.76	54.74	36.74	24.72	21.11	11.59
1.70V/cell	538.8	378.8	317.7	206.4	123.4	75.10	53.88	35.96	24.38	20.87	11.30
1.75V/cell	492.7	354.5	305.7	202.4	122.4	74.44	53.42	35.51	24.20	20.70	11.10
1.80V/cell	445.1	327.6	289.7	196.3	120.4	74.04	52.96	35.00	23.84	20.40	10.90