

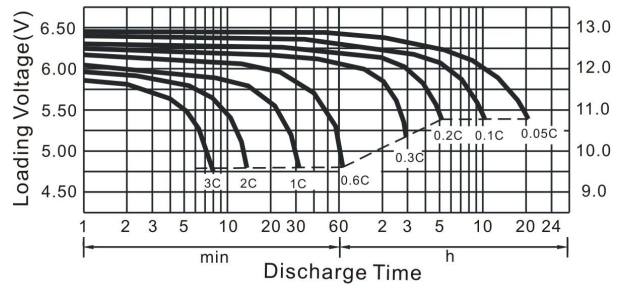
● Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (10HR)		110.0Ah
Dimensions (mm/inch)	Length	330 (12.99)
	Width	171 (6.73)
	Height	220 (8.66)
	Total Height	227 (8.94)
Approx. Weight (kg/lbs)		33.8 (74.52)
Terminal		T6/T12

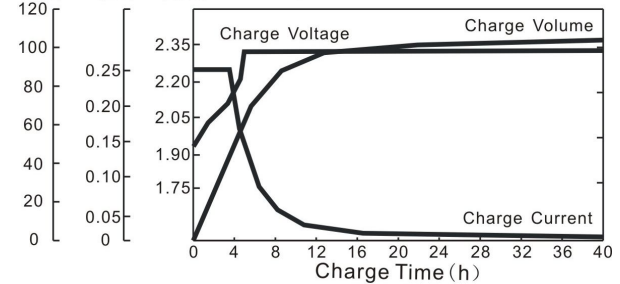
● Characteristic

Capacity 77°F(25°C)	20HR (6.05A)	121.0Ah
	10HR (11.22A)	112.2Ah
	5HR (19.25A)	96.2Ah
	1HR (63.8A)	63.8Ah
	15 min rate (192.5A)	48.1Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 4.5mΩ
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)		880A(5s)
Design life for deep cycle(DOD80%), 77°F(25°C)		300 Cycles
Constant Voltage Charge, 77°F(25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 27.5 A
	Float	13.6~13.8V(-18mV/°C)

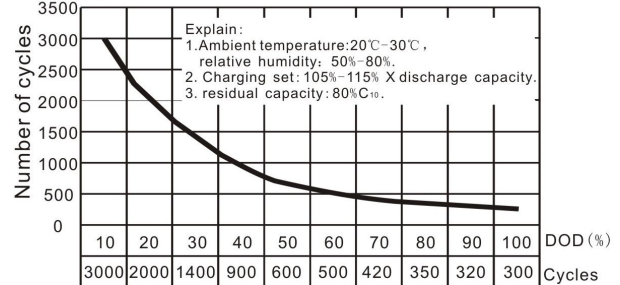
Discharge Characteristics 77°F (25°C)



Charge Characteristic curve



Cycle service life in relation to depth of discharge



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	374.0	242.0	192.5	110.0	66.39	41.20	30.84	20.33	13.43	11.70	6.23
1.70V/cell	355.3	229.9	183.8	105.2	64.95	40.36	30.24	19.95	13.24	11.55	6.16
1.75V/cell	338.8	215.6	180.5	103.0	63.80	39.60	29.69	19.59	13.06	11.39	6.11
1.80V/cell	317.9	199.1	177.3	101.0	62.76	38.92	29.15	19.25	12.87	11.22	6.05

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	663.8	439.6	352.8	202.6	122.82	76.90	58.09	38.62	25.74	22.83	12.13
1.70V/cell	636.7	421.5	340.0	195.5	121.25	76.01	57.45	38.25	25.61	22.72	12.12
1.75V/cell	612.7	398.9	336.9	193.2	120.15	75.24	56.90	37.87	25.47	22.58	12.11
1.80V/cell	580.1	371.7	334.0	191.1	119.24	74.59	56.35	37.53	25.31	22.44	12.10