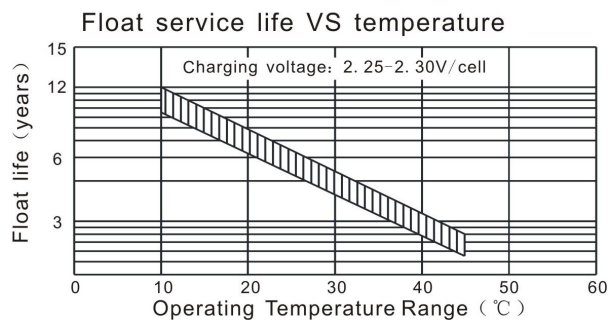
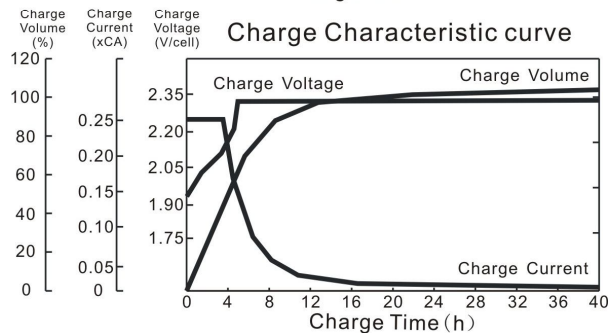
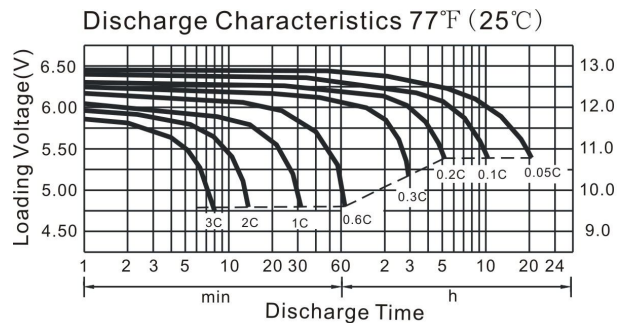


● **Specifications**

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (10HR)		80.0Ah
Dimensions (mm/inch)	Length	355 (13.98)
	Width	167 (6.57)
	Height	179 (7.05)
Approx. Weight (kg/lbs)		22.5 (49.6)
Terminal		T5/T12

● **Characteristic**

Operating Temperature Range: -20°C --- +50°C		
Capacity 77°F(25°C)	20HR (4.24A)	84.8Ah
	10HR (8.00A)	80.0Ah
	5HR (13.6A)	68.0Ah
	1HR (44.0A)	44.0Ah
	15 min rate (140.0A)	35.0Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 5.5mΩ
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	65%
Max. Discharge Current, 77°F(25°C)		750A(5s)
Short Circuit Current, 77°F(25°C)		1900A
Floating design life, 77°F(25°C)		10 years
Constant Voltage Charge, 77°F(25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 24 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	272.0	176.0	140.0	80.0	46.4	28.82	21.25	14.36	9.60	8.34	4.36
1.70V/cell	258.4	167.2	133.7	76.5	44.8	27.72	20.76	14.10	9.50	8.23	4.32
1.75V/cell	246.4	156.8	131.3	74.9	44.0	27.20	20.35	13.84	9.30	8.12	4.28
1.80V/cell	231.2	144.8	129.0	73.4	43.3	26.73	20.00	13.60	9.20	8.00	4.24

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	482.8	319.7	256.6	147.3	86.0	53.81	40.02	27.29	18.40	16.27	8.51
1.70V/cell	463.0	306.6	247.3	142.2	83.6	52.21	39.45	27.02	18.38	16.21	8.50
1.75V/cell	445.6	290.1	245.0	140.5	82.9	51.68	39.01	26.75	18.21	16.10	8.49
1.80V/cell	421.9	270.3	242.9	139.0	82.2	51.23	38.66	26.52	18.10	16.00	8.48