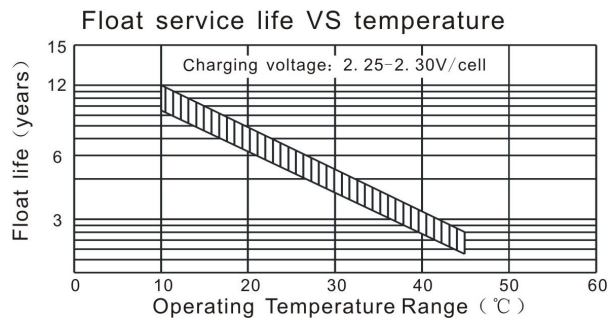
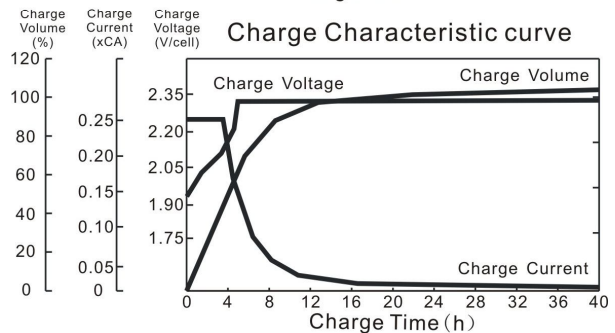
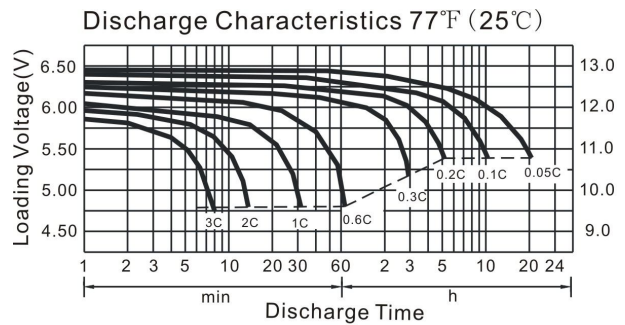


● Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (10HR)		90.0Ah
Dimensions (mm/inch)	Length	307 (12.09)
	Width	169 (6.65)
	Height	208 (8.19)
	Total Height	227 (8.94)
Approx. Weight (kg/lbs)		26 (57.32)
Terminal		T16

● Characteristic

Capacity 77°F(25°C)	20HR (4.77A)	95.4Ah
	10HR (9.00A)	90.0Ah
	5HR (15.3A)	76.5Ah
	1HR (49.5A)	49.5Ah
	15 min rate (157.5A)	39.4Ah
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)		720A(5s)
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: 22.5 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	306.0	198.0	157.5	90.0	52.2	32.42	23.90	16.16	10.80	9.39	4.91
1.70V/cell	290.7	188.1	150.4	86.1	50.4	31.19	23.36	15.86	10.69	9.29	4.86
1.75V/cell	277.2	176.4	147.7	84.3	49.5	30.60	22.90	15.57	10.47	9.14	4.82
1.80V/cell	260.1	162.9	145.1	82.6	48.7	30.07	22.50	15.30	10.35	9.00	4.77

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	543.1	359.7	288.7	165.7	96.7	60.53	45.02	30.70	20.70	18.31	9.57
1.70V/cell	520.9	344.9	278.2	160.0	94.1	58.74	44.38	30.40	20.67	18.22	9.56
1.75V/cell	501.3	326.4	275.7	158.1	93.3	58.14	43.89	30.10	20.41	18.13	9.55
1.80V/cell	459.7	304.1	273.3	156.4	92.5	57.64	43.50	29.84	20.36	18.00	9.54