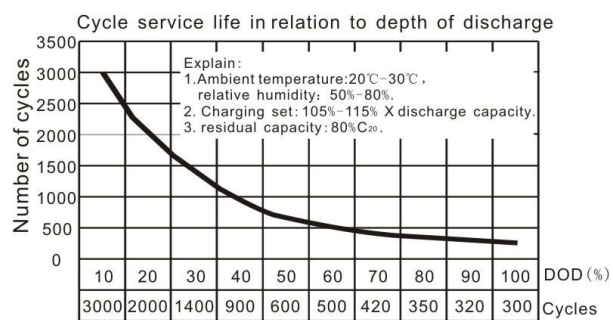
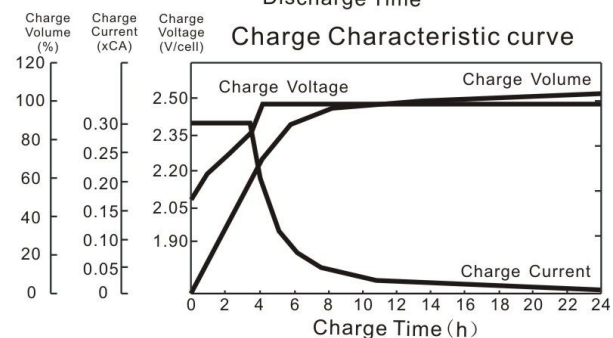
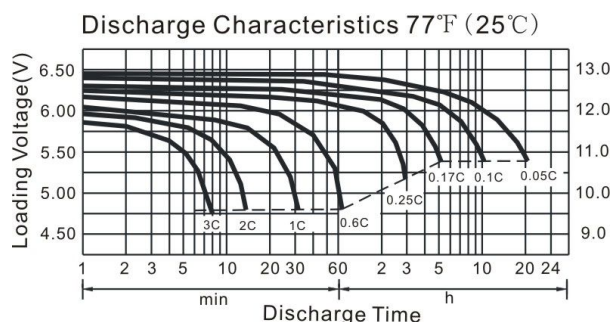


● Specifications

Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		20.0Ah
Dimensions (mm)	Length	181±2
	Width	77±1.5
	Height	167±2
	Total Height	170±2
Approx. Weight (kg)		5.9
Terminal		T10

● Characteristic

Capacity 77°F(25°C)	20HR (1.04A)	20.8Ah
	10HR (1.90A)	19.0Ah
	5HR (3.50A)	17.5Ah
	1HR (12.37A)	12.3Ah
	15 min rate (37.0A)	9.25Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 16mΩ
Temperature dependence of capacity (20HR)	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)		300A(5s)
Design life for deep cycle(DOD80%), 77°F(25°C)		300 Cycles
Constant Voltage Charge, 77°F(25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 6 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	76.0	48.0	37.0	20.00	13.07	7.28	5.40	3.63	2.39	1.96	1.06
1.70V/cell	72.2	45.6	35.3	19.12	12.60	7.00	5.30	3.57	2.36	1.94	1.05
1.75V/cell	70.8	44.6	34.7	18.72	12.37	6.87	5.20	3.50	2.32	1.90	1.04
1.80V/cell	69.4	43.6	34.1	18.36	12.16	6.75	5.11	3.44	2.29	1.88	1.04

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	138.0	88.0	68.4	37.34	24.61	13.82	10.35	7.02	4.66	3.86	2.10
1.70V/cell	132.4	84.4	65.9	36.00	23.94	13.42	10.25	6.96	4.64	3.85	2.09
1.75V/cell	131.0	83.2	65.3	35.56	23.71	13.28	10.14	6.88	4.60	3.80	2.08
1.80V/cell	129.6	82.2	64.7	35.20	23.51	13.16	10.05	6.82	4.54	3.76	2.08