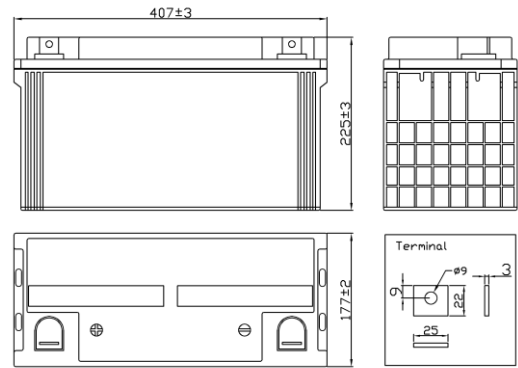
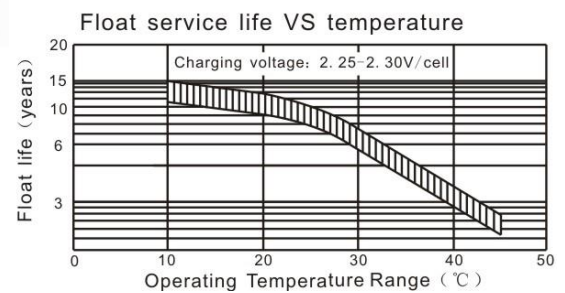
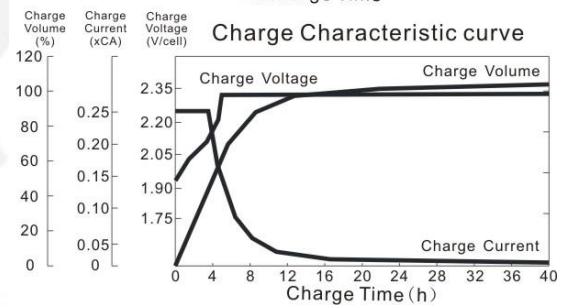
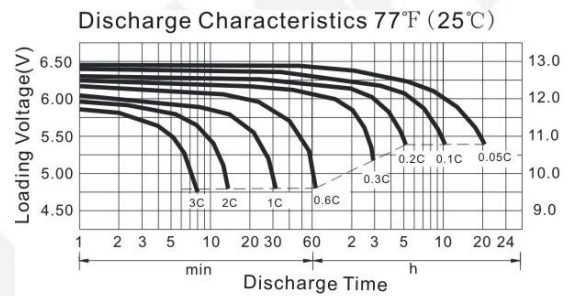


PQ12120XT9/T13 (12V 120Ah)



Specifications		PQ12120XT9/13
Nominal Voltage		12V
Rated Capacity 77°F(25°C) (10HR)		120.0Ah
Dimensions (mm)	Length	407±3
	Width	177±2
	Height	225±3
	Total Height	225±3
Approx. Weight (kg)		32.6±3%
Terminal		T9

Characteristic		
Capacity 77°F(25°C)	20HR (6.36A)	127.2Ah
	10HR (12.0A)	120.0Ah
	5HR (20.4A)	102.0Ah
	1HR (66.0A)	66.0Ah
	15 min rate (210.0A)	52.5Ah
Internal Resistance	Full Charged Battery	Approx. 4mΩ
	77°F(25°C)	
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)		960A(5s)
Floating design life, 77°F(20°C)		10 years
Constant Voltage Charge, 77°F(25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 30 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	408.0	264.0	210.0	120.0	69.7	43.23	31.87	21.54	14.40	12.52	6.54
1.70V/cell	387.6	250.8	200.5	114.7	67.2	41.58	31.14	21.14	14.26	12.40	6.48
1.75V/cell	369.6	235.2	196.9	112.3	66.0	40.80	30.53	20.76	14.00	12.18	6.42
1.80V/cell	346.8	217.2	193.4	110.2	64.9	40.09	30.00	20.40	13.80	12.00	6.36

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	724.2	479.6	384.9	221.0	129.0	80.71	60.02	40.93	25.30	24.40	12.76
1.70V/cell	697.4	459.8	370.9	213.2	125.4	78.31	59.17	40.52	27.56	24.38	12.74
1.75V/cell	668.4	435.1	367.6	210.7	124.3	77.52	58.51	40.13	27.22	24.16	12.73
1.80V/cell	632.9	405.5	364.3	208.4	123.4	76.85	58.00	39.78	27.14	24.00	12.72