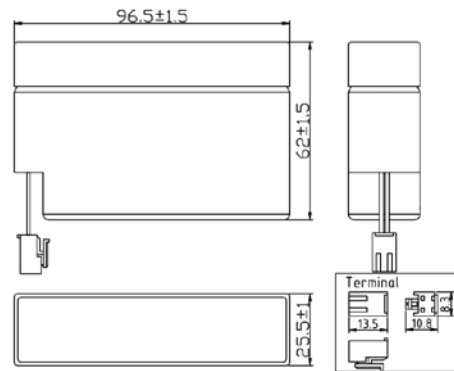
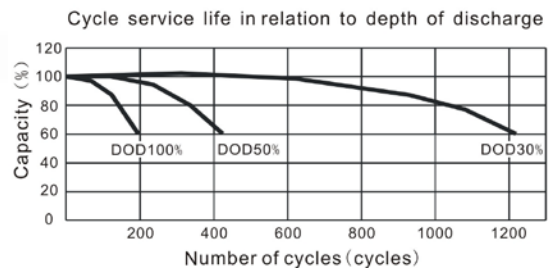
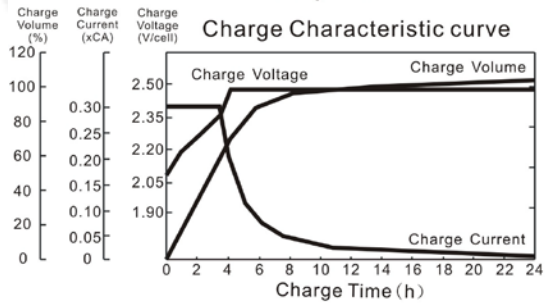
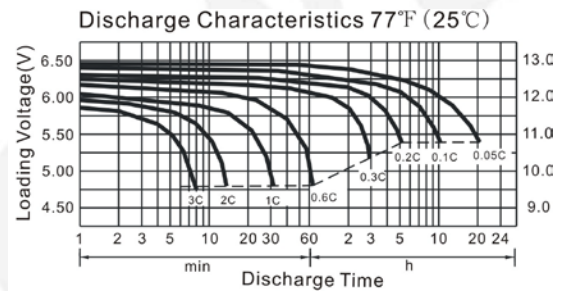


# PQ1200S8C (12V 0.8Ah)



Specifications		PQ1200S8C
Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		0.8Ah
Dimensions (mm)	Length	96.5±1.5
	Width	25.5±1
	Height	62±1.5
	Total Height	62±1.5
Approx. Weight (kg)		0.36±3%
Terminal		Special

Characteristic		
Capacity 77°F(25°C)	20HR (0.040A)	0.80Ah
	10HR (0.074A)	0.74Ah
	5HR (0.136A)	0.68Ah
	1HR (0.488A)	0.49Ah
	15 min rate (1.48A)	0.37Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	Approx. 260mΩ
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)		12A(5s)
Floating design life, 77°F(25°C)		5 years
Constant Voltage Charge, 77°F(25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 0.24A
	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	3.04	1.92	1.48	0.80	0.506	0.286	0.209	0.141	0.094	0.077	0.041
1.70V/cell	2.89	1.82	1.41	0.77	0.488	0.274	0.204	0.138	0.092	0.076	0.041
1.75V/cell	2.83	1.78	1.39	0.75	0.479	0.270	0.200	0.136	0.091	0.075	0.040
1.80V/cell	2.78	1.74	1.36	0.73	0.471	0.265	0.197	0.134	0.090	0.074	0.040

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	5.52	3.52	2.73	1.49	0.954	0.542	0.400	0.272	0.183	0.151	0.082
1.70V/cell	5.30	3.38	2.64	1.44	0.927	0.526	0.394	0.269	0.182	0.150	0.081
1.75V/cell	5.24	3.33	2.61	1.42	0.918	0.522	0.390	0.267	0.181	0.149	0.080
1.80V/cell	5.18	3.29	2.59	1.40	0.911	0.516	0.387	0.265	0.179	0.147	0.080