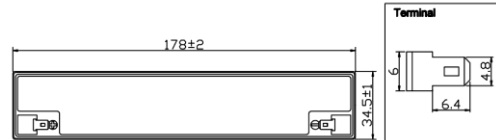
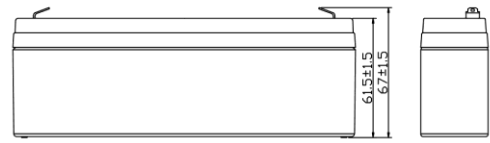


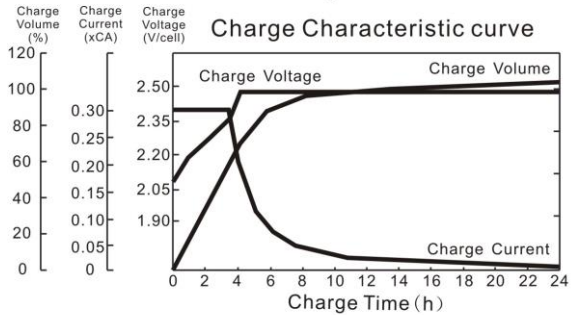
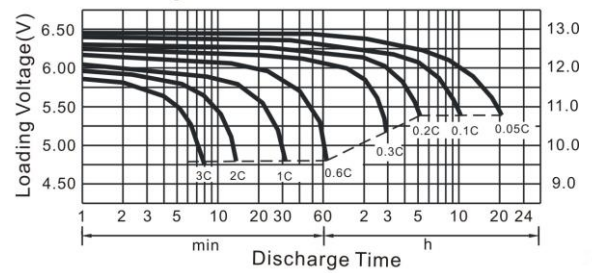
# PQ1202S3T1 (12V 2.3Ah)



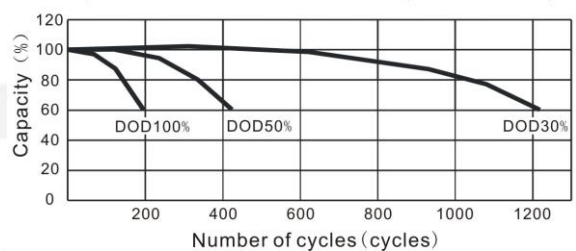
Specifications		PQ1202S3T1
Nominal Voltage		12V
Rated Capacity 77°F(25°C) (20HR)		2.3Ah
Dimensions (mm)	Length	178±2
	Width	34.5±1
	Height	61.5±1.5
	Total Height	67±1.5
Approx. Weight (kg)		0.9
Terminal		T1

Characteristic		
Capacity 77°F(25°C)	20HR (0.116A)	2.32Ah
	10HR (0.222A)	2.22Ah
	5HR (0.397A)	1.98Ah
	1HR (1.495A)	1.49Ah
	15 min rate (4.428)	1.10Ah
Internal Resistance	Full Charged Battery	Approx. 48mΩ
	77°F(25°C)	
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)		35A(5s)
Floating design life, 77°F(20°C)		5 years
Constant Voltage Charge, 77°F(25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 0.69 A
	Float	13.6~13.8V(-18mV/°C)

Discharge Characteristics 77°F (25°C)



Cycle service life in relation to depth of discharge



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	9.074	5.946	4.428	2.358	1.495	0.842	0.601	0.406	0.268	0.230	0.123
1.70V/cell	8.234	5.509	4.175	2.289	1.462	0.829	0.587	0.400	0.265	0.224	0.119
1.75V/cell	7.395	5.164	3.945	2.220	1.443	0.822	0.581	0.397	0.262	0.222	0.116
1.80V/cell	6.636	4.830	3.715	2.151	1.423	0.815	0.574	0.392	0.259	0.219	0.112

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	16.41	10.85	8.154	4.499	2.965	1.670	1.199	0.809	0.536	0.459	0.246
1.70V/cell	15.16	10.24	7.827	4.405	2.911	1.651	1.171	0.798	0.528	0.449	0.238
1.75V/cell	13.80	9.768	7.462	4.310	2.877	1.639	1.161	0.793	0.524	0.444	0.233
1.80V/cell	12.50	9.217	7.089	4.211	2.838	1.627	1.148	0.784	0.518	0.437	0.224