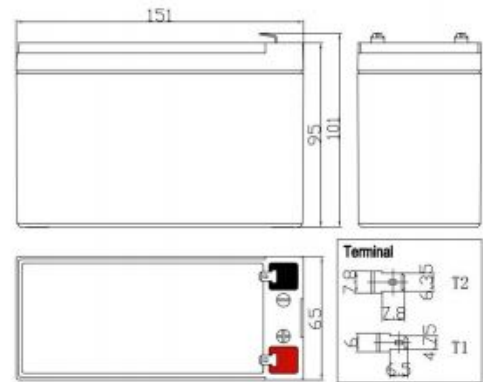
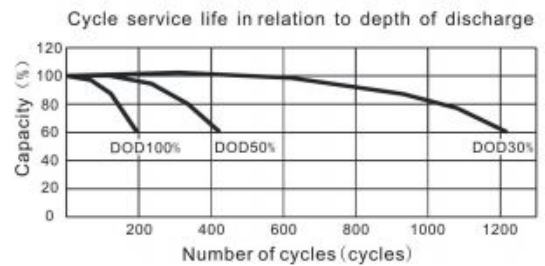
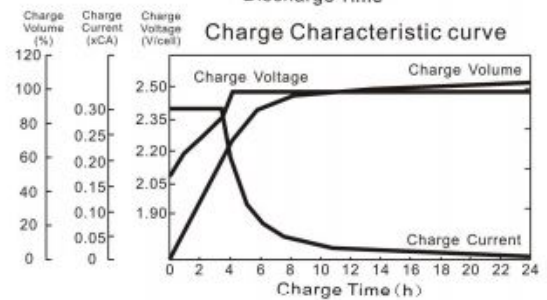
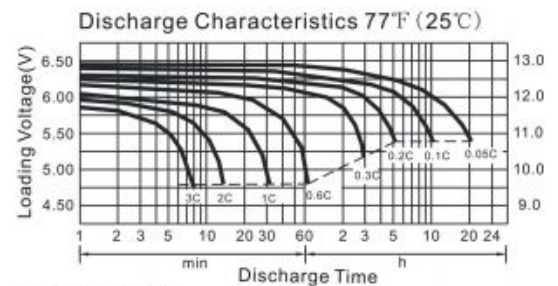


PQ1209ST1/12 (12V 9Ah)



Specifications		PQ1209ST1/T2
Nominal Voltage		12V
Rated Capacity 77°F (25°C) (10HR)		9.0Ah
Dimensions (mm)	Length	151 ±2
	Width	65 ±1.5
	Height	94 ±1.5
	Total Height	100 ±2
Approx. Weight (kg)		2.35
Terminal		T1/T2

Characteristic		
Capacity 77°F(25°C)	20HR (0.450A)	9.00Ah
	10HR (0.837A)	8.37Ah
	5HR (1.530A)	7.65Ah
	1HR (5.490A)	5.49Ah
	15 min rate (16.65A)	4.16Ah
Internal Resistance	Full Charged Battery	Approx. 18mΩ
	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)		135A(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: 2.7 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	34.20	21.60	16.65	9.000	5.698	3.210	2.349	1.588	1.058	0.864	0.464
1.70V/cell	32.49	20.52	15.90	8.604	5.490	3.087	2.295	1.559	1.048	0.855	0.459
1.75V/cell	31.84	20.07	15.62	8.424	5.391	3.029	2.250	1.530	1.026	0.837	0.450
1.80V/cell	31.24	19.62	15.34	8.262	5.298	2.977	2.211	1.504	1.014	0.828	0.450

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	62.13	39.60	30.80	16.80	10.73	6.100	4.502	3.069	2.064	1.699	0.912
1.70V/cell	59.57	37.96	29.69	16.20	10.43	5.917	4.437	3.040	2.060	1.696	0.910
1.75V/cell	58.91	37.46	29.41	16.01	10.33	5.857	4.388	3.009	2.035	1.674	0.900
1.80V/cell	58.31	36.95	29.14	15.84	10.24	5.806	4.349	2.983	2.012	1.656	0.900