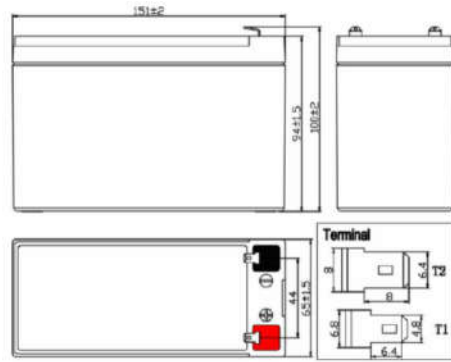
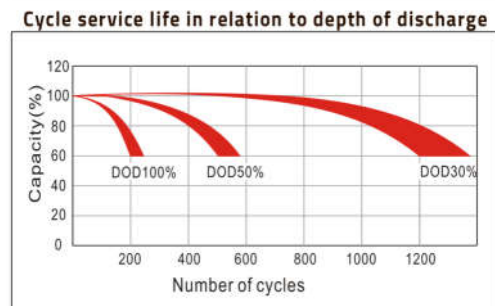
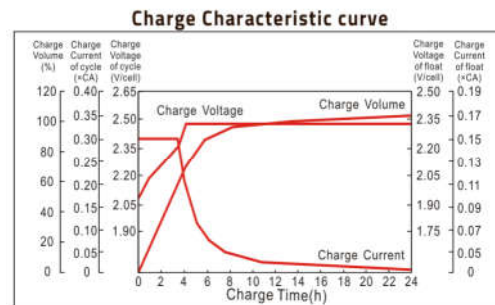
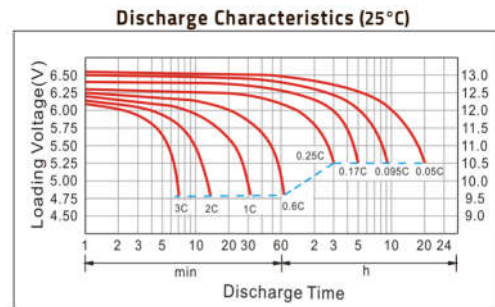


# PQ1209ST2 (12V 9Ah)



Specifications		PQ1209ST2
Nominal Voltage	12V (6 cells in series)	
Rated Capacity	9.0Ah (C20, 1.75V/cell)	
Dimensions (mm)	Length	151 ± 2 mm
	Width	65 ± 1.5 mm
	Height	94 ± 1.5 mm
	Total Height	100 ± 2 mm
Approx. Weight (kg)	2.6 kg	
Terminal	T1/T2	

Characteristics		
Capacity 25°C (Ah)	20HR (0.455A to 10.5 volts)	9.10Ah
	10HR (0.869A to 10.5 volts)	8.69Ah
	5HR (1.553A to 10.5 volts)	7.76Ah
	1HR (5.850A to 9.6 volts)	5.85Ah
	15 min-rate (17.33A to 9.6 volts)	4.33Ah
Max. Discharge current	135A @25°C (5s)	Approx. 62mΩ
Internal Resistance	18mΩ @25°C (Full Charged Battery)	
Floating Design Life	5 years @ 25°C	
Container Material	A.B.S, UL94-HB, UL94-V0, Optional	
Ambient Temperature	Charge: -15°C~50°C	
	Discharge: -20°C~60°C	
	Storage: -20°C~50°C	
Self Discharge	VRLA batteries can be stores for more than 6 months at 25°C. Self-Discharge ratio less than 3% per month at 25°C. Please charge batteries before using.	



Constant Current Discharge Characteristics (A), (25°C)												
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H	
1.60V/cell	35.51	23.27	17.33	9.225	5.850	3.296	2.354	1.588	1.051	0.900	0.482	
1.70V/cell	32.22	21.56	16.34	8.955	5.720	3.245	2.295	1.564	1.035	0.878	0.464	
1.75V/cell	28.94	20.21	15.44	8.685	5.648	3.218	2.273	1.553	1.026	0.869	0.455	
1.80V/cell	25.97	18.90	14.54	8.415	5.567	3.191	2.246	1.535	1.013	0.855	0.437	

Constant Wattage Discharge Characteristics (W), (25°C)												
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H	
1.60V/cell	64.20	42.46	31.91	17.60	11.60	6.537	4.691	3.167	2.097	1.797	0.963	
1.70V/cell	59.34	40.06	30.63	17.24	11.39	6.462	4.582	3.123	2.067	1.755	0.930	
1.75V/cell	54.01	38.22	29.20	16.86	11.26	6.414	4.541	3.102	2.050	1.738	0.913	
1.80V/cell	48.90	36.07	27.74	16.48	11.11	6.365	4.491	3.069	2.025	1.711	0.877	