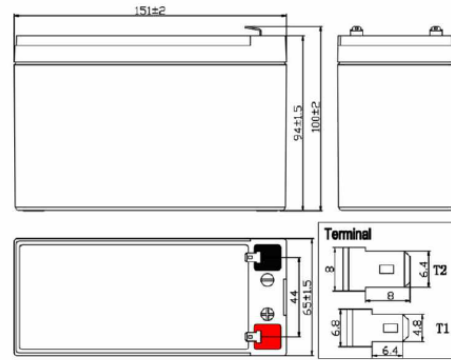


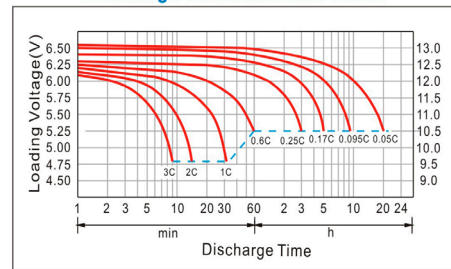
PQ1209ST2 (12V 9Ah)



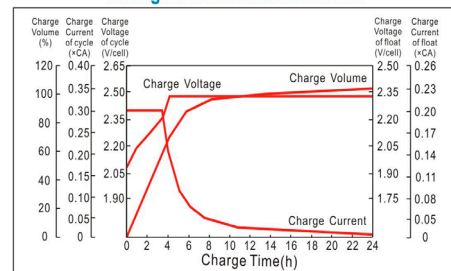
Specifications		PQ1209ST2
Nominal Voltage		12V
Rated Capacity		9.0Ah
Dimensions (mm)	Length	151
	Width	65
	Height	94
	Total Height	100
Approx. Weight (kg)		2.6 kg
Terminal		T1/T2

Characteristics		
Capacity 25°C	20HR (0.455A)	9.10Ah
	10HR (0.869A)	8.69Ah
	5HR (1.553A)	7.75Ah
	1HR (5.850A)	5.85Ah
	15 min rate (17.33A)	4.33Ah
Impedance	Fully charged battery	Approx. 18mΩ
	25°C	18mΩ
Temperature dependence of capacity (20HR)	40°C	107%
	25°C	100%
	0°C	76%
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		135A (5s)
Service life acc. to EUROBAT (25°C)		3-5 years
Constant voltage charge (25°C)	Cycle	14.7~15.0V(-24mV/°C) max. current: 0.3CA
	Float	13.5~13.8V(-18mV/°C) max. current: 0.2CA

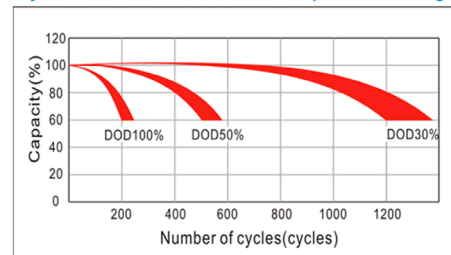
Discharge Characteristics Curve



Charge Characteristics Curve



Cycle service life in relation to depth of discharge



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/cell), (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