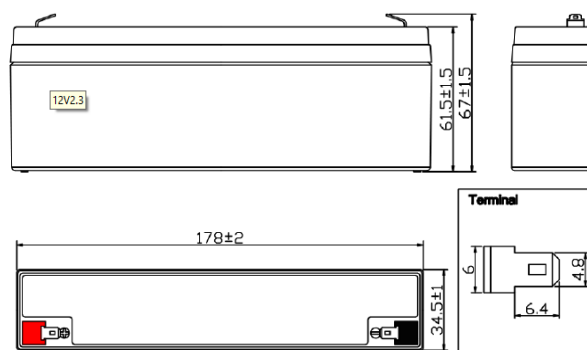


PQ1202S2T1 (12V 2.2Ah)

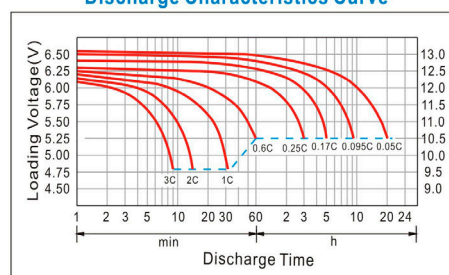


Unit: mm

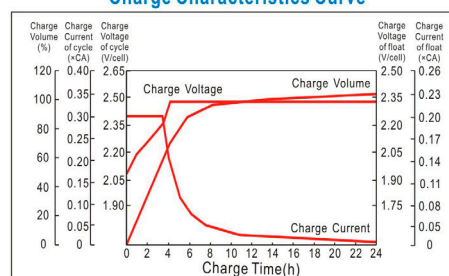
Specifications		PQ1202S2T1
Nominal Voltage		12V
Rated Capacity		2.2Ah
Dimensions (mm)	Length	178
	Width	34.5
	Height	61.5
	Total Height	67
Approx. Weight (kg)		0.85
Terminal		T1-A

Characteristics		
Capacity 25°C	20HR (0.100A)	2.00Ah
	10HR (0.186A)	1.86Ah
	5HR (0.340A)	1.70Ah
	1HR (1.220A)	1.22Ah
	15 min rate (3.700A)	0.925Ah
Impedance	Fully charged battery	Approx.
	25°C	60mΩ
Temperature dependence of capacity (20HR)	40°C	107%
	25°C	100%
	0°C	76%
	-15°C	56%
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		30A (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

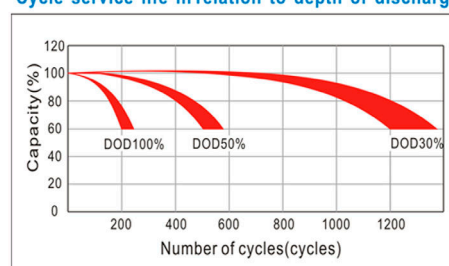
Discharge Characteristics Curve



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	7.600	4.800	3.700	2.000	1.266	0.713	0.522	0.353	0.235	0.192	0.103
1.70V/cell	7.220	4.560	3.534	1.912	1.220	0.686	0.510	0.346	0.233	0.190	0.102
1.75V/cell	7.076	4.460	3.470	1.872	1.198	0.673	0.500	0.340	0.228	0.186	0.100
1.80V/cell	6.942	4.360	3.408	1.836	1.177	0.662	0.491	0.334	0.225	0.184	0.100

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	13.81	8.80	6.845	3.733	2.385	1.355	1.001	0.682	0.459	0.378	0.203
1.70V/cell	13.24	8.44	6.597	3.601	2.318	1.315	0.986	0.675	0.458	0.377	0.202
1.75V/cell	13.09	8.325	6.535	3.557	2.296	1.302	0.975	0.669	0.452	0.372	0.200
1.80V/cell	12.96	8.211	6.475	3.519	2.276	1.290	0.966	0.663	0.447	0.368	0.200