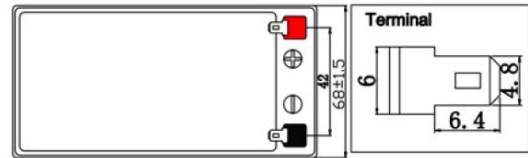
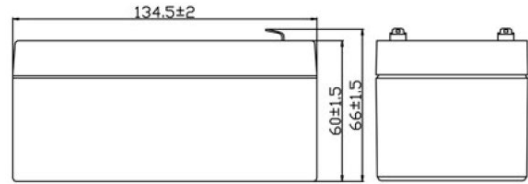


# PQ1203S2T1 (12V 3.2Ah)

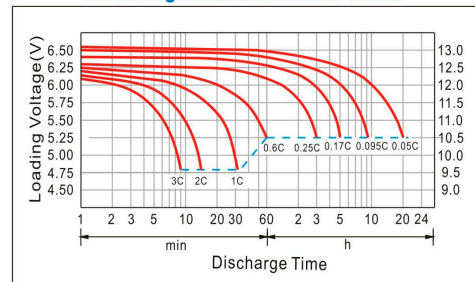


Unit: mm

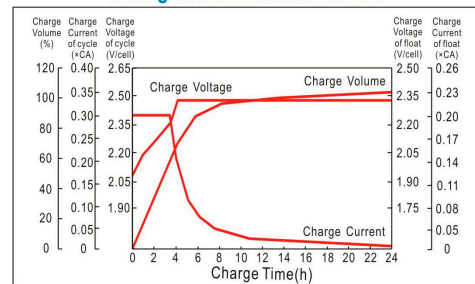
Specifications		PQ1203S2T1
Nominal Voltage		12V
Rated Capacity		3.2Ah
Dimensions (mm)	Length	134.5
	Width	68
	Height	60
	Total Height	66
Approx. Weight (kg)		1.3
Terminal		T1-A

Characteristics		
Capacity 25°C	20HR (0.162A)	3.24Ah
	10HR (0.309A)	3.09Ah
	5HR (0.552A)	2.76Ah
	1HR (1.955A)	1.95Ah
	15 min rate (5.790A)	1.44Ah
Impedance	Fully charged battery	Approx. 43mΩ
	25°C	
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)		48A (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

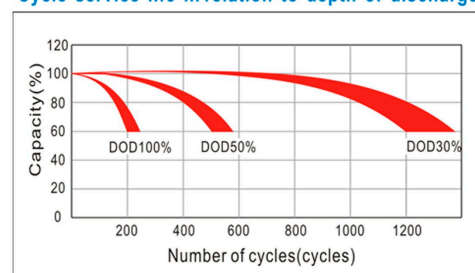
Discharge Characteristics Curve



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	11,87	7,776	5,790	3,083	1,955	1,102	0,837	0,564	0,374	0,320	0,171	
1.70V/cell	10,77	7,204	5,460	2,993	1,912	1,084	0,816	0,556	0,368	0,312	0,165	
1.75V/cell	9,671	6,753	5,159	2,903	1,888	1,075	0,808	0,552	0,365	0,309	0,162	
1.80V/cell	8,678	6,317	4,858	2,812	1,860	1,066	0,798	0,546	0,360	0,304	0,155	
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	21,46	14,19	10,66	5,884	3,878	2,185	1,668	1,126	0,746	0,639	0,342	
1.70V/cell	19,83	13,39	10,237	5,761	3,807	2,160	1,629	1,110	0,735	0,624	0,331	
1.75V/cell	18,05	12,77	9,759	5,636	3,762	2,144	1,615	1,103	0,729	0,618	0,325	
1.80V/cell	16,34	12,05	9,271	5,508	3,712	2,127	1,597	1,091	0,720	0,609	0,312	