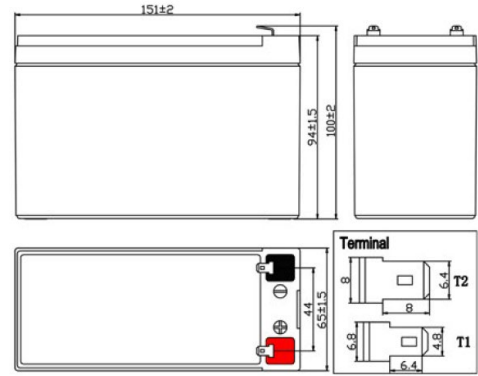


# PQ1207S T1-T2 (12V 7Ah)

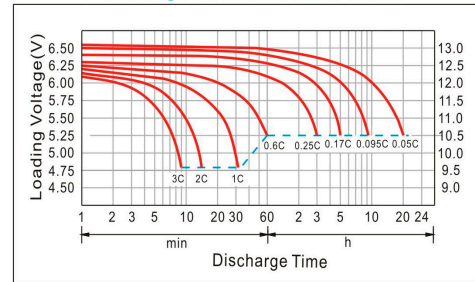


Unit: mm

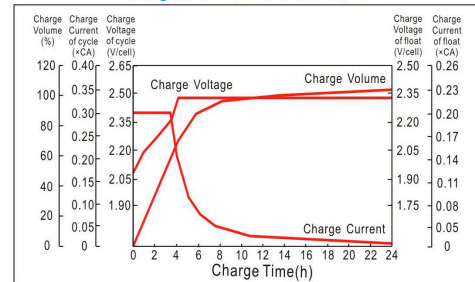
Specifications		PQ1207S T1-T2
Nominal Voltage		12V
Rated Capacity		7.0Ah
Dimensions (mm)	Length	151
	Width	65
	Height	94
	Total Height	100
Approx. Weight (kg)		2.0
Terminal		T1-T2

Characteristics		
Capacity 25°C	20HR (0.354A)	7.08Ah
	10HR (0.676A)	6.76Ah
	5HR (1.208A)	6.04Ah
	1HR (4.550A)	4.55Ah
	15 min rate (13.48A)	3.37Ah
Impedance	Fully charged battery	Approx.
	25°C	24mΩ
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)		105A (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

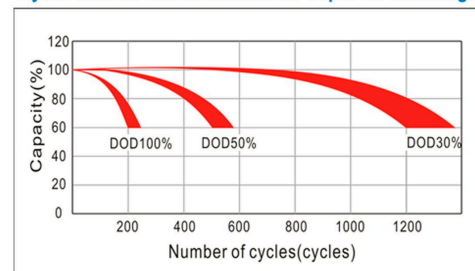
Discharge Characteristics Curve



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	27,62	18,10	13,48	7,175	4,550	2,563	1,831	1,235	0,818	0,700	0,375
1.70V/cell	25,06	16,77	12,71	6,965	4,449	2,524	1,785	1,217	0,805	0,683	0,361
1.75V/cell	22,51	15,72	12,01	6,755	4,393	2,503	1,768	1,208	0,798	0,676	0,354
1.80V/cell	20,20	14,70	11,31	6,545	4,330	2,482	1,747	1,194	0,788	0,665	0,340

## 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	49,94	33,02	24,82	13,69	9,024	5,084	3,649	2,463	1,631	1,398	0,749
1.70V/cell	46,15	31,15	23,82	13,41	8,860	5,026	3,564	2,429	1,607	1,365	0,724
1.75V/cell	42,01	29,73	22,71	13,12	8,756	4,988	3,532	2,413	1,595	1,352	0,710
1.80V/cell	38,03	28,05	21,57	12,82	8,637	4,951	3,493	2,387	1,575	1,331	0,682