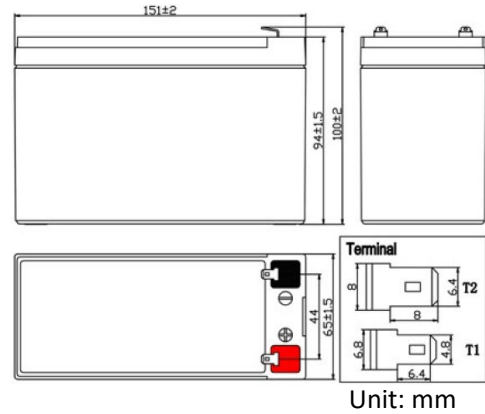


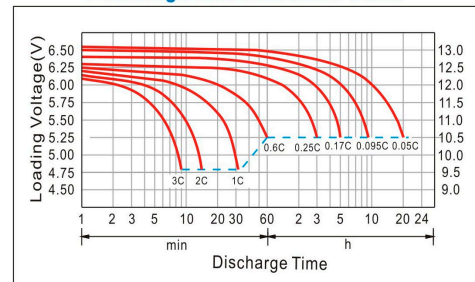
PQ1207S2 T1-T2 (12V 7.2Ah)



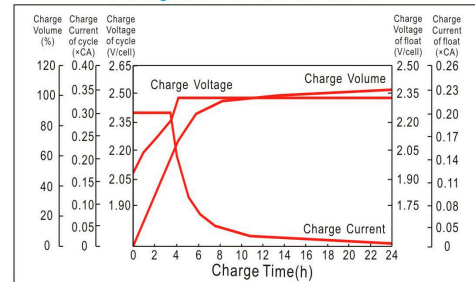
Specifications		PQ1207S2 T1-T2
Nominal Voltage		12V
Rated Capacity		7.2Ah
Dimensions (mm)	Length	151
	Width	65
	Height	94
	Total Height	100
Approx. Weight (kg)		2.05
Terminal		T1-T2

Characteristics		
Capacity 25°C	20HR (0.364A)	7.28Ah
	10HR (0.695A)	6.95Ah
	5HR (1.242A)	6.21Ah
	1HR (4.680A)	4.68Ah
	15 min rate (13.86A)	3.46Ah
Impedance	Fully charged battery	Approx.
	25°C	27mΩ
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)		108A (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

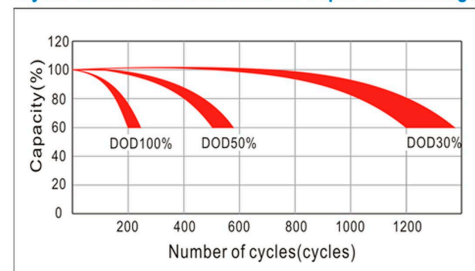
Discharge Characteristics Curve



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	28,40	18,61	13,86	7,380	4,680	2,637	1,883	1,270	0,841	0,720	0,385
1.70V/cell	25,78	17,24	13,07	7,164	4,576	2,596	1,836	1,251	0,828	0,702	0,372
1.75V/cell	23,15	16,16	12,35	6,948	4,518	2,574	1,818	1,242	0,821	0,695	0,364
1.80V/cell	20,77	15,12	11,63	6,732	4,453	2,552	1,796	1,228	0,810	0,684	0,349

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	51,36	33,97	25,53	14,08	9,282	5,229	3,753	2,534	1,678	1,438	0,770
1.70V/cell	47,47	32,05	24,50	13,79	9,113	5,170	3,666	2,499	1,653	1,404	0,744
1.75V/cell	43,21	30,58	23,36	13,49	9,006	5,131	3,633	2,482	1,640	1,391	0,730
1.80V/cell	39,12	28,85	22,19	13,18	8,884	5,092	3,593	2,455	1,620	1,369	0,701