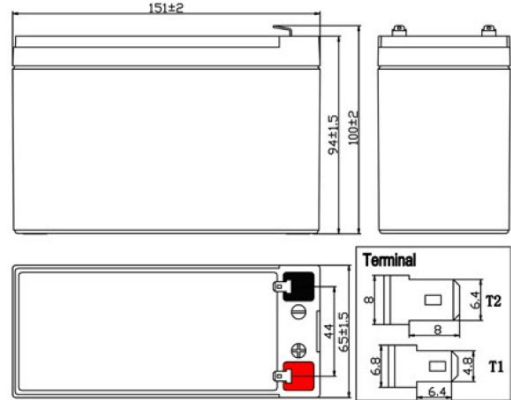


# PQ1207S5 T1-T2 (12V 7.5Ah)

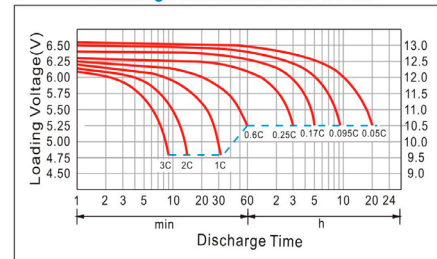


Unit: mm

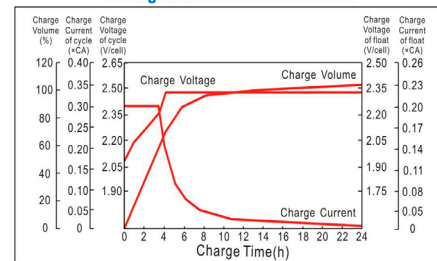
Specifications		PQ1207S5 T1-T2
Nominal Voltage		12V
Rated Capacity		7.5Ah
Dimensions (mm)	Length	151
	Width	65
	Height	94
	Total Height	100
Approx. Weight (kg)		2.25
Terminal		T1-T2

Characteristics		
Capacity 25°C	20HR (0.379A)	7.58Ah
	10HR (0.724A)	7.24Ah
	5HR (1.294A)	6.47Ah
	1HR (4.875A)	4.70Ah
	15 min rate (14.44A)	3.78Ah
Impedance	Fully charged battery 25°C	Approx. 23mΩ
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)		112.5A (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

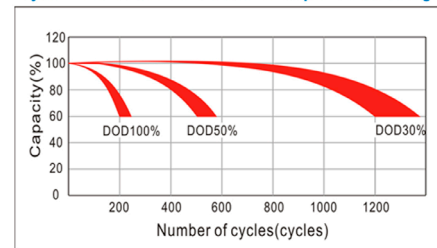
Discharge Characteristics Curve



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	29,59	19,39	14,44	7,688	4,875	2,747	1,961	1,323	0,876	0,750	0,401
1.70V/cell	26,85	17,96	13,61	7,463	4,766	2,704	1,913	1,304	0,863	0,731	0,387
1.75V/cell	24,11	16,84	12,86	7,238	4,706	2,681	1,894	1,294	0,855	0,724	0,379
1.80V/cell	21,64	15,75	12,11	7,013	4,639	2,659	1,871	1,279	0,844	0,713	0,364

## 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	53,50	35,38	26,59	14,67	9,669	5,447	3,909	2,639	1,748	1,498	0,803
1.70V/cell	49,45	33,38	25,52	14,37	9,493	5,385	3,819	2,603	1,722	1,463	0,775
1.75V/cell	45,01	31,85	24,33	14,05	9,381	5,345	3,784	2,585	1,709	1,449	0,761
1.80V/cell	40,75	30,06	23,11	13,73	9,254	5,304	3,743	2,558	1,688	1,426	0,731