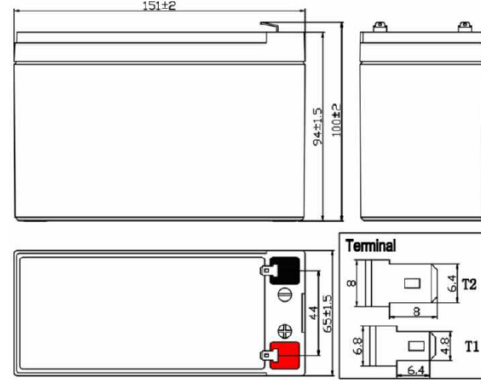


PQ1209ST1-T2 (12V 9Ah)

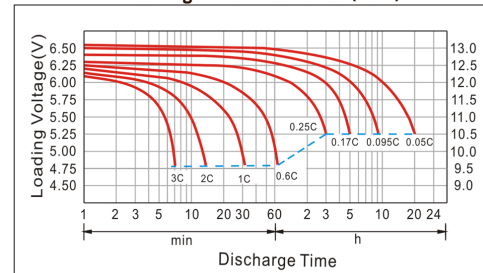


Unit: mm

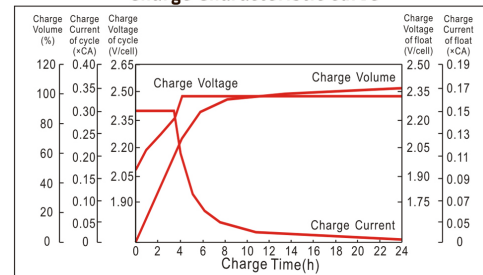
Specifications		PQ1208ST1
Nominal Voltage		12V
Rated Capacity		9.0Ah
Dimensions (mm)	Length	151
	Width	65
	Height	94
	Total Height	100
Approx. Weight (kg)		2.35
Terminal		T1-T2

Characteristics		
Capacity 25°C	20HR (0.404A)	8.08Ah
	10HR (0.772A)	7.72Ah
	5HR (1.380A)	6.90Ah
	1HR (5.200A)	5.20Ah
	15 min rate (16.75A)	4.18Ah
Impedance	Fully charged battery	Approx.
	25°C	18 mΩ
Temperature dependence of capacity (20HR)	40°C	102%
	25°C	100%
	0°C	85%
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		120A (5s)
Service life acc. to EUROBAT (25°C)		5 years
Constant voltage charge (25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 2.16 A
	Float	13.6~13.8V(-18mV/°C)

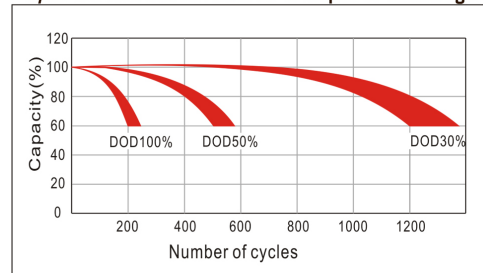
Discharge Characteristics (25°C)



Charge Characteristic curve



Cycle service life in relation to depth of discharge



Constant Current Discharge Characteristics (A), (25°C)												
F.V/TIME	5min	8min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	32,21	24,68	22,29	16,75	9,154	5,200	2,930	2,092	1,411	0,934	0,800	0,428
1.67V/cell	31,18	23,97	21,32	16,22	9,053	5,148	2,908	2,076	1,401	0,927	0,792	0,422
1.70V/cell	30,59	23,25	20,68	15,68	8,951	5,084	2,884	2,040	1,390	0,920	0,780	0,413
1.75V/cell	29,37	22,14	19,82	15,14	8,689	5,020	2,860	2,020	1,380	0,912	0,772	0,404
1.80V/cell	28,11	21,10	18,75	14,51	8,321	4,948	2,836	1,996	1,364	0,900	0,760	0,388

Constant Wattage Discharge Characteristics (W), (25°C)												
1.60V/cell	59,06	46,06	42,16	30,97	17,93	10,31	5,810	4,170	2,815	1,864	1,597	0,856
1.67V/cell	57,42	44,94	40,51	30,00	17,76	10,23	5,777	4,142	2,795	1,850	1,583	0,846
1.70V/cell	56,59	43,79	39,46	29,09	17,57	10,13	5,744	4,073	2,776	1,837	1,560	0,827
1.75V/cell	54,82	42,07	38,16	28,15	17,07	10,01	5,701	4,037	2,758	1,822	1,545	0,811
1.80V/cell	52,94	40,44	36,41	27,06	16,37	9,871	5,658	3,992	2,728	1,800	1,521	0,779