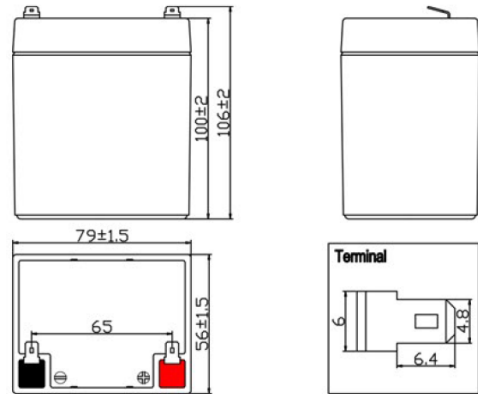


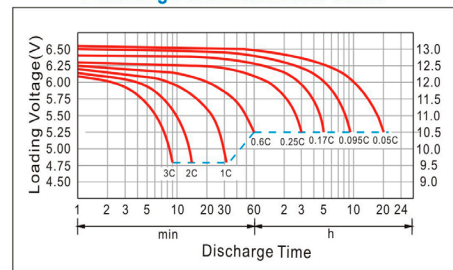
# PQ1202S9T1 (12V 2.9Ah)



Unit: mm

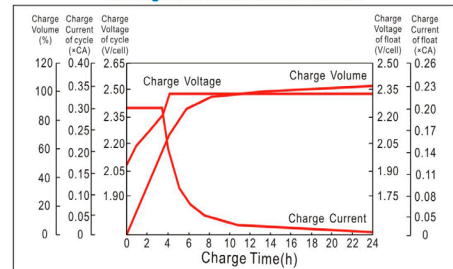
Specifications		PQ1202S9T1
Nominal Voltage		12V
Rated Capacity		2.9Ah
Dimensions (mm)	Length	79
	Width	56
	Height	100
	Total Height	106
Approx. Weight (kg)		1.05
Terminal		T1-A

Discharge Characteristics Curve

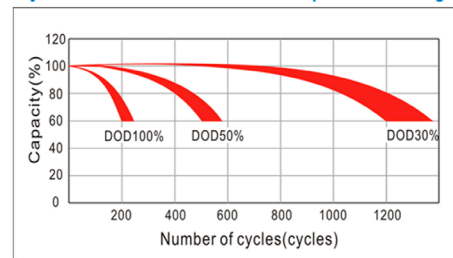


Characteristics		
Capacity 25°C	20HR (0.146A)	2.92Ah
	10HR (0.280A)	2.80Ah
	5HR (0.500A)	2.50Ah
	1HR (1.885A)	1.88Ah
	15 min rate (5.583A)	1.39Ah
Impedance	Fully charged battery	Approx.
	25°C	35mΩ
Temperature dependence of capacity (20HR)	40°C	107%
	25°C	100%
	0°C	76%
	-15°C	56%
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		43.5A (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

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	11,44	7,497	5,583	2,973	1,885	1,062	0,758	0,512	0,339	0,290	0,155
1.70V/cell	10,38	6,946	5,264	2,886	1,843	1,045	0,740	0,504	0,334	0,283	0,150
1.75V/cell	9,324	6,511	4,974	2,799	1,820	1,037	0,732	0,500	0,331	0,280	0,146
1.80V/cell	8,367	6,090	4,684	2,712	1,794	1,028	0,724	0,494	0,326	0,276	0,141

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	20,69	13,68	10,28	5,673	3,739	2,106	1,512	1,021	0,676	0,579	0,310
1.70V/cell	19,12	12,91	9,869	5,555	3,671	2,082	1,477	1,006	0,666	0,566	0,300
1.75V/cell	17,40	12,32	9,408	5,434	3,627	2,067	1,463	1,000	0,661	0,560	0,294
1.80V/cell	15,76	11,62	8,938	5,310	3,578	2,051	1,447	0,989	0,653	0,551	0,282