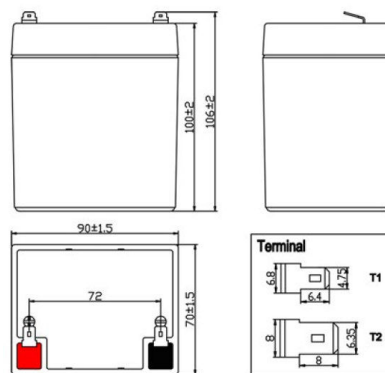


PQ1204S5 T1-T2 (12V 4.5Ah)

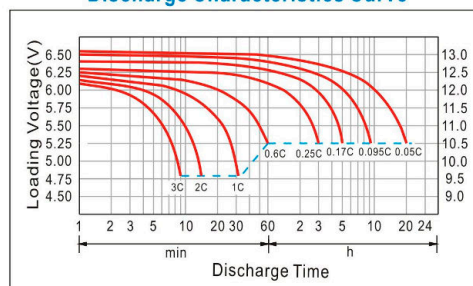


Unit: mm

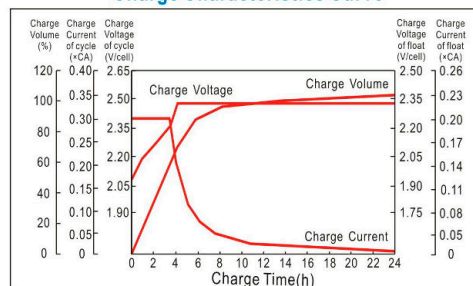
Specifications		PQ1204S5 T1-T2
Nominal Voltage		12V
Rated Capacity		4.5Ah
Dimensions (mm)	Length	90
	Width	70
	Height	100
	Total Height	106
Approx. Weight (kg)		1.36
Terminal		T1-T2

Characteristics		
Capacity 25°C	20HR (0.227A)	4.54Ah
	10HR (0.434A)	4.34Ah
	5HR (0.7764A)	3.88Ah
	1HR (2.750A)	2.75Ah
	15 min rate (8.143A)	2.03Ah
Impedance	Fully charged battery	Approx.
	25°C	51mΩ
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)		67.5A (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

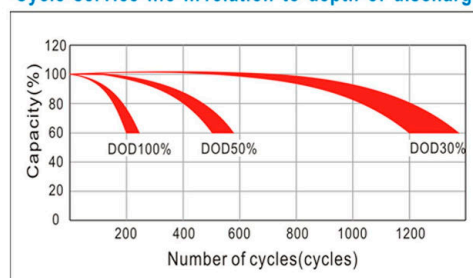
Discharge Characteristics Curve



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	16,69	10,93	8,143	4,336	2,750	1,549	1,177	0,794	0,526	0,450	0,241
1.70V/cell	15,14	10,13	7,677	4,209	2,688	1,525	1,148	0,782	0,518	0,439	0,232
1.75V/cell	13,60	9,496	7,254	4,082	2,654	1,512	1,136	0,776	0,513	0,434	0,227
1.80V/cell	12,20	8,883	6,831	3,955	2,616	1,500	1,123	0,767	0,506	0,428	0,218
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	30,18	19,96	15,00	8,274	5,453	3,072	2,346	1,584	1,049	0,899	0,482
1.70V/cell	27,89	18,83	14,40	8,102	5,354	3,037	2,291	1,562	1,033	0,878	0,465
1.75V/cell	25,39	17,96	13,72	7,926	5,291	3,014	2,271	1,551	1,025	0,869	0,456
1.80V/cell	22,98	16,95	13,04	7,745	5,219	2,992	2,246	1,535	1,013	0,856	0,438