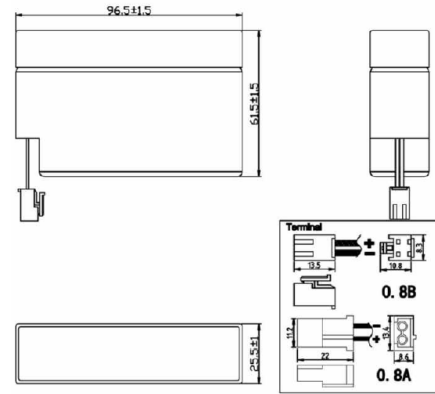


PQ1200S8C (12V 0.8Ah)

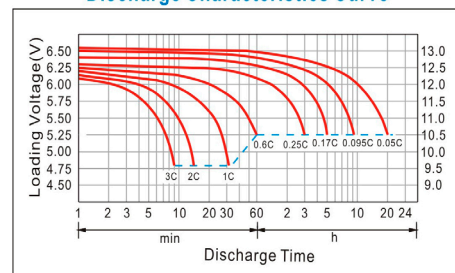


Unit: mm

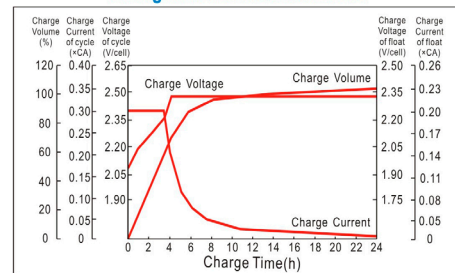
Specifications		PQ1200S8C
Nominal Voltage		12V
Rated Capacity		0.8Ah
Dimensions (mm)	Length	96.5
	Width	25.5
	Height	61.5
	Total Height	61.5
Approx. Weight (kg)		0.36
Terminal		0.8A/0.8B (Kabel/JST)

Characteristics		
Capacity 25°C	20HR (0.040A)	0.80Ah
	10HR (0.077A)	0,77Ah
	5HR (0.138A)	0.69Ah
	1HR (0.520A)	0.52Ah
	15 min rate (1.540A)	0.38Ah
Impedance	Fully charged battery	Approx.
	25°C	155mΩ
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)		12A (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

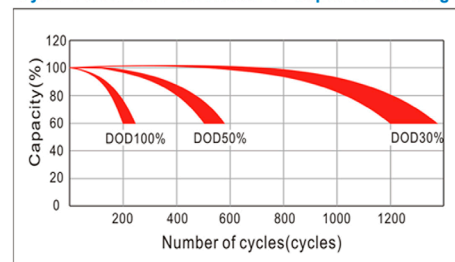
Discharge Characteristics Curve



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	3,156	2,068	1,540	0,820	0,520	0,293	0,209	0,141	0,093	0,080	0,043
1.70V/cell	2,864	1,916	1,452	0,796	0,508	0,288	0,204	0,139	0,092	0,078	0,041
1.75V/cell	2,572	1,796	1,372	0,772	0,502	0,286	0,202	0,138	0,091	0,077	0,040
1.80V/cell	2,308	1,680	1,292	0,748	0,495	0,284	0,200	0,136	0,090	0,076	0,039

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	5,707	3,774	2,836	1,565	1,031	0,581	0,417	0,282	0,186	0,160	0,086
1.70V/cell	5,275	3,561	2,723	1,532	1,013	0,574	0,407	0,278	0,184	0,156	0,083
1.75V/cell	4,801	3,397	2,595	1,499	1,001	0,570	0,404	0,276	0,182	0,155	0,081
1.80V/cell	4,347	3,206	2,466	1,465	0,987	0,566	0,399	0,273	0,180	0,152	0,078