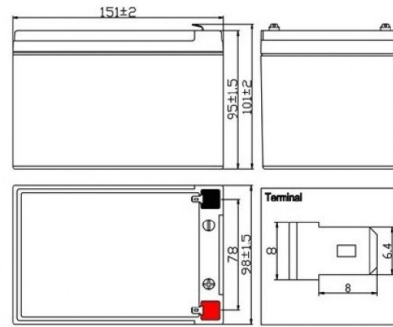
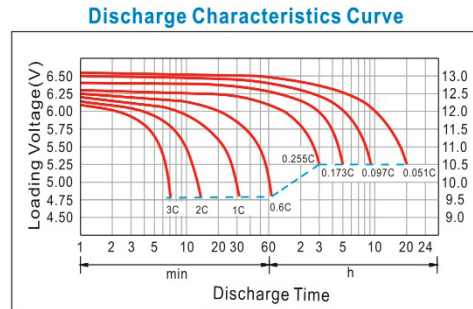


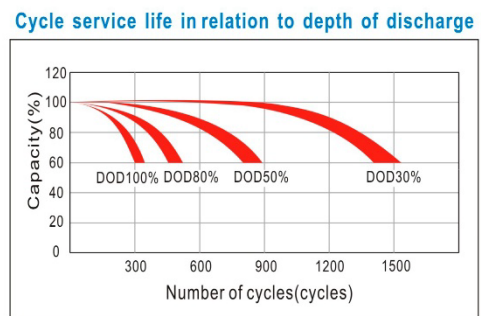
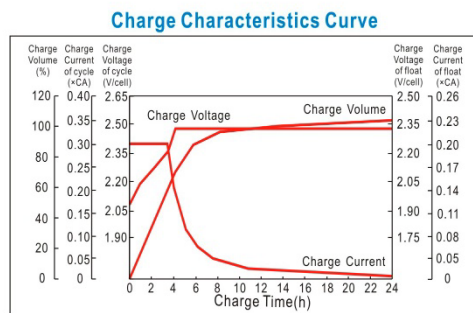
PQC1212ST2 (12V 12Ah)



Specifications		PQC1212ST2
Nominal Voltage		12V
Rated Capacity (25°C), (20HR)		12Ah
Dimensions (mm)	Length	151
	Width	98
	Height	95
	Total Height	101
Approx. Weight (kg)		3.85 kg
Terminal		T2



Characteristics		
Capacity (25°C)	20HR (0.618A)	12.3Ah
	10HR (1.181A)	11.8Ah
	5HR (2.111A)	10.5Ah
	1HR (7.800A)	7.80Ah
	15 min rate (23.10A)	5.77Ah
Impedance	Fully charged battery (25°C)	Approx. 14mΩ
	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)		180A(5s)
Expected cycle life (@ DOD 80%)		450
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



Constant Current Discharge Characteristics (A), (25°C)												
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H	
1.60V/cell	47.34	31.02	23.10	12.30	7.800	4.394	3.200	2.159	1.429	1.224	0.655	
1.70V/cell	42.96	28.74	21.78	11.94	7.626	4.326	3.121	2.128	1.408	1.193	0.631	
1.75V/cell	38.58	26.94	20.58	11.58	7.530	4.290	3.090	2.111	1.396	1.181	0.618	
1.80V/cell	34.62	25.20	19.38	11.22	7.422	4.254	3.054	2.087	1.376	1.163	0.593	

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	85.61	56.61	42.54	23.47	15.47	8.716	6.379	4.307	2.851	2.444	1.310	
1.70V/cell	79.12	53.41	40.84	22.98	15.19	8.616	6.232	4.248	2.811	2.386	1.265	
1.75V/cell	72.02	50.96	38.93	22.48	15.01	8.551	6.175	4.218	2.789	2.364	1.241	
1.80V/cell	65.20	48.09	36.98	21.97	14.81	8.487	6.108	4.174	2.753	2.328	1.191	