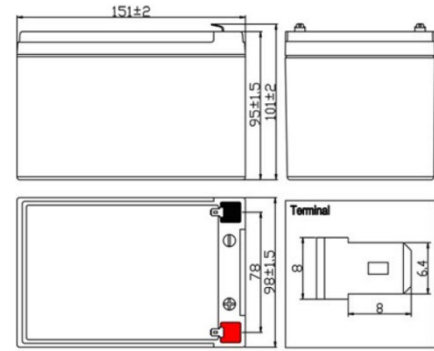


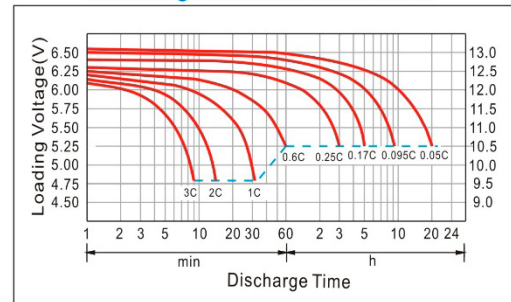
PQH1213T2 (12V 300W)



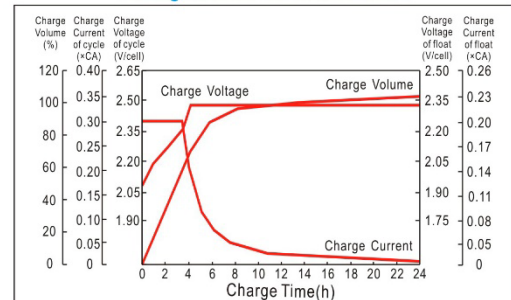
Specifications		PQH1213T2
Nominal Voltage		12V
Rated Power (25°C) 15min-rate		300W
Dimensions (mm)	Length	151
	Width	98
	Height	95
	Total Height	101
Approx. Weight (kg)		3.75 kg
Terminal		T2

Characteristics		
Capacity (25°C)	20HR (0.657A)	13.1Ah
	10HR (1.255A)	12.5Ah
	5HR (2.243A)	11.2Ah
	1HR (8.158A)	8.15Ah
	15min-rate (25.95A)	6.48Ah
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)		195A(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

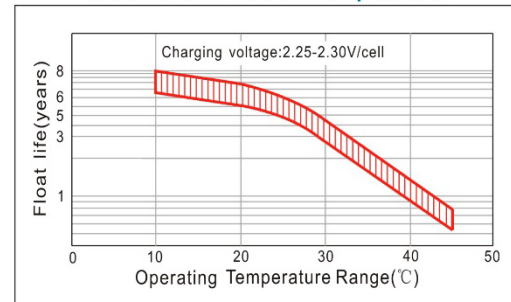
Discharge Characteristics Curve



Charge Characteristics Curve



Float Service Life VS Temperature



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	51.54	39.48	35.66	26.80	14.65	8.450	4.761	3.400	2.293	1.518	1.300	0.696	
1.67V/cell	49.88	38.34	34.11	25.95	14.49	8.366	4.726	3.374	2.276	1.507	1.287	0.686	
1.70V/cell	48.95	37.21	33.09	25.09	14.32	8.262	4.687	3.315	2.259	1.495	1.268	0.671	
1.75V/cell	46.99	35.42	31.71	24.22	13.90	8.158	4.648	3.283	2.243	1.482	1.255	0.657	
1.80V/cell	44.98	33.76	30.00	23.22	13.31	8.041	4.609	3.244	2.217	1.463	1.235	0.631	

Constant Wattage Discharge Characteristics (W/cell), (25°C)													
F.V/TIME	5min	8min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H	
1.60V/cell	94.49	73.70	67.45	51.73	28.68	16.76	9.442	6.776	4.575	2.596	2.596	1.391	
1.67V/cell	91.87	71.90	64.82	50.17	28.42	16.62	9.388	6.730	4.541	2.572	2.572	1.374	
1.70V/cell	90.55	70.07	63.14	48.72	28.12	16.45	9.334	6.619	4.511	2.985	2.535	1.344	
1.75V/cell	87.71	67.31	61.05	47.22	27.32	16.26	9.264	6.560	4.481	2.962	2.511	1.318	
1.80V/cell	84.71	64.70	58.25	45.47	26.18	16.04	9.194	6.487	4.433	2.925	2.472	1.266	