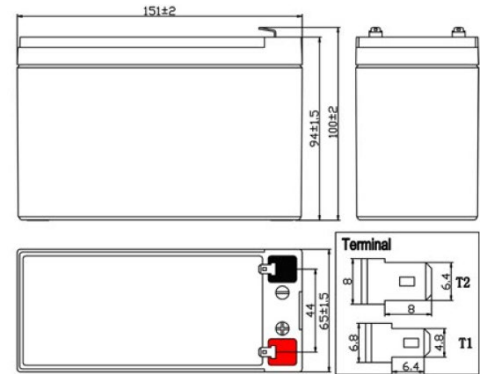


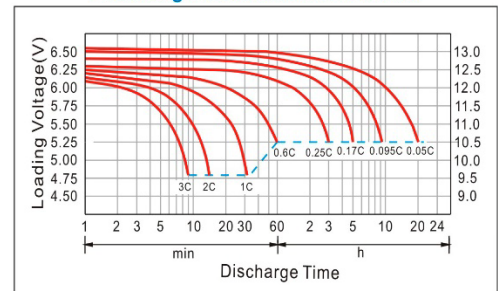
# PQH1207ST1-T2 (12V 156W)



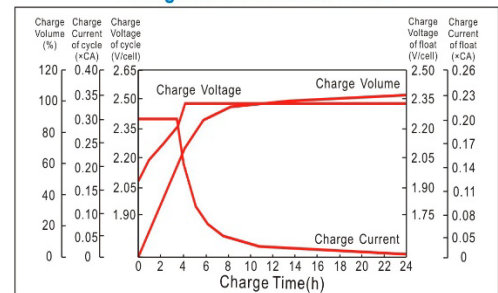
Specifications		PQH1207ST1-T2
Nominal Voltage		12V
Rated Power (25°C) 15min-rate		156W
Dimensions (mm)	Length	151
	Width	65
	Height	94
	Total Height	100
Approx. Weight (kg)		2.15 kg
Terminal		T1-T2

Characteristics		
Capacity (25°C)	20HR (0.379A)	7.58Ah
	10HR (0.724A)	7.24Ah
	5HR (1.294A)	6.47Ah
	1HR (4.706A)	4.70Ah
	15min-rate (15.14A)	3.78Ah
Impedance	Fully charged battery (25°C)	Approx. 23mΩ
Temperature dependence of capacity (20HR)	40°C	107%
	25°C	100%
	0°C	76%
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		112.5A(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

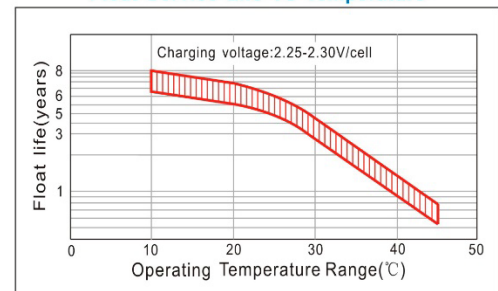
Discharge Characteristics Curve



Charge Characteristics Curve



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	30.07	23.03	20.80	15.63	8.544	4.875	2.747	1.961	1.323	0.876	0.750	0.401	
1.67V/cell	29.10	22.37	19.90	15.14	8.450	4.826	2.726	1.946	1.313	0.869	0.743	0.396	
1.70V/cell	28.55	21.70	19.30	14.64	8.355	4.766	2.704	1.913	1.304	0.863	0.731	0.387	
1.75V/cell	27.41	20.66	18.50	14.13	8.110	4.706	2.681	1.894	1.294	0.855	0.724	0.379	
1.80V/cell	26.24	19.69	17.50	13.55	7.767	4.639	2.659	1.871	1.279	0.844	0.713	0.364	

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	55.12	42.99	39.35	26.90	16.73	9.669	5.447	3.909	2.639	1.748	1.498	0.803	
1.67V/cell	53.59	41.94	37.81	26.00	16.58	9.588	5.416	3.883	2.620	1.734	1.484	0.793	
1.70V/cell	52.82	40.87	36.83	25.15	16.40	9.493	5.385	3.819	2.603	1.722	1.463	0.775	
1.75V/cell	51.16	39.26	35.61	24.28	15.94	9.381	5.345	3.784	2.585	1.709	1.449	0.761	
1.80V/cell	49.41	37.74	33.98	23.18	15.27	9.254	5.304	3.743	2.558	1.688	1.426	0.731	