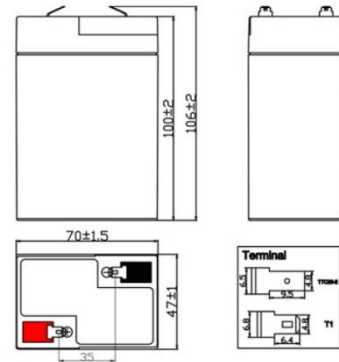


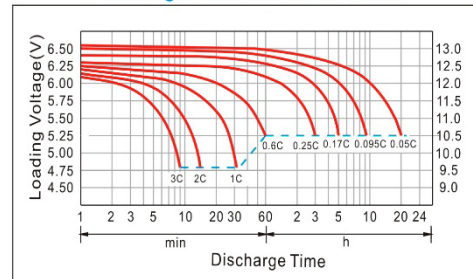
# PQH0606ST1-T2 (6V 66W)



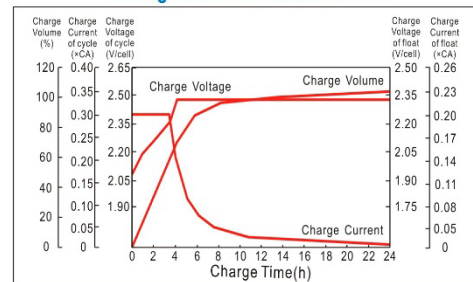
Specifications		PQH0606ST1-T2	
Nominal Voltage		6V	
Rated Power (25°C) 15min-rate		66W	
Dimensions (mm)	Length	70	
	Width	47	
	Height	100	
	Total Height	106	
Approx. Weight (kg)		0.79 kg	
Terminal		T1-T2	

Characteristics		
Capacity (25°C)	20HR (0.303A)	6.06Ah
	10HR (0.579A)	5.79Ah
	5HR (1.035A)	5.17Ah
	1HR (3.765A)	3.76Ah
	15 min-rate (10.81A)	2.70Ah
Impedance	Fully charged battery (25°C)	Approx. 15mΩ
	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)		90A(5s)
Service life acc. to EUROBAT (25°C)		3-5 years
Constant voltage charge (25°C)	Cycle	7.35~7.5V(-24mV/°C) max. current: 0.3CA
	Float	6.75-6.9V(-18mV/°C) max. current: 0.2CA

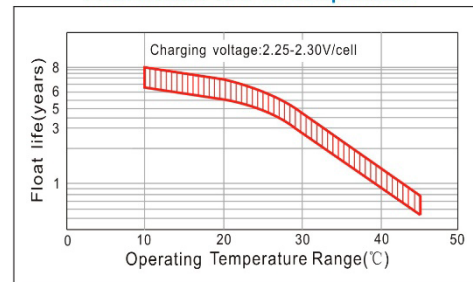
Discharge Characteristics Curve



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	21.48	16.45	14.86	11.17	6.103	3.900	2.197	1.569	1.058	0.701	0.600	0.321	
1.67V/cell	20.79	15.98	14.21	10.81	6.036	3.861	2.181	1.557	1.051	0.695	0.594	0.317	
1.70V/cell	20.39	15.50	13.79	10.46	5.968	3.813	2.163	1.530	1.043	0.690	0.585	0.310	
1.75V/cell	19.58	14.76	13.21	10.09	5.793	3.765	2.145	1.515	1.035	0.684	0.579	0.303	
1.80V/cell	18.74	14.07	12.50	9.675	5.548	3.711	2.127	1.497	1.023	0.675	0.570	0.291	

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	39.37	30.71	28.10	22.65	11.95	7.735	4.358	3.128	2.112	1.398	1.198	0.642	
1.67V/cell	38.28	29.96	27.01	22.00	11.84	7.671	4.333	3.106	2.096	1.387	1.187	0.634	
1.70V/cell	37.73	29.20	26.31	21.40	11.72	7.594	4.308	3.055	2.082	1.378	1.170	0.620	
1.75V/cell	36.54	28.04	25.44	20.78	11.38	7.505	4.276	3.027	2.068	1.367	1.159	0.609	
1.80V/cell	35.29	26.96	24.27	20.05	10.91	7.403	4.243	2.994	2.046	1.350	1.141	0.584	