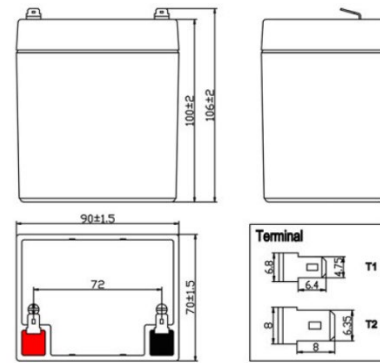


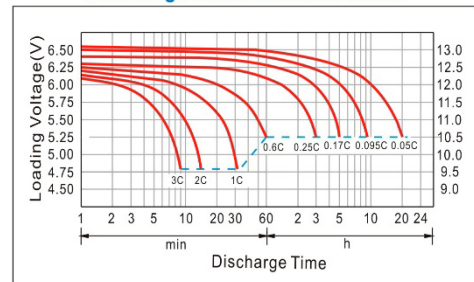
PQH1205ST1-T2 (12V 120W)



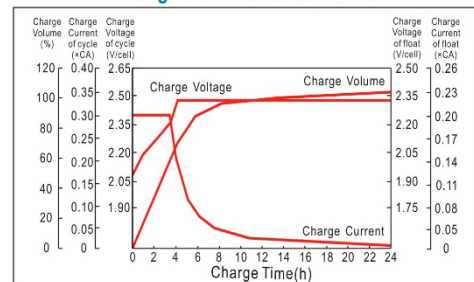
Specifications		PQH1205ST1-T2
Nominal Voltage		12V
Rated Power (25°C) 15min-rate		120W
Dimensions (mm)	Length	90
	Width	70
	Height	100
	Total Height	106
Approx. Weight (kg)		1.5 kg
Terminal		T1-T2

Characteristics		
Capacity (25°C)	20HR (0.253A)	5.06Ah
	10HR (0.483A)	4.83Ah
	5HR (0.863A)	4.31Ah
	1HR (3.138A)	3.13Ah
	15 min-rate (9.731A)	2.43Ah
Impedance	Fully charged battery (25°C)	Approx. 28mΩ
	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)		75A(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

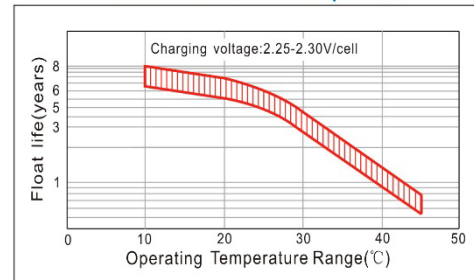
Discharge Characteristics Curve



Charge Characteristics Curve



Float Service Life VS Temperature



Constant Current Discharge Characteristics (A), (25°C)

FV/TIME	5min	8min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	19.33	14.81	13.37	10.05	5.492	3.250	1.831	1.308	0.882	0.584	0.500	0.268
1.67V/cell	18.71	14.38	12.79	9.731	5.432	3.218	1.818	1.298	0.876	0.584	0.500	0.268
1.70V/cell	18.36	13.95	12.41	9.410	5.371	3.178	1.803	1.275	0.869	0.575	0.488	0.258
1.75V/cell	17.62	13.28	11.89	9.081	5.213	3.138	1.788	1.263	0.863	0.570	0.483	0.253
1.80V/cell	16.87	12.66	11.25	8.708	4.993	3.093	1.773	1.248	0.853	0.563	0.475	0.243

Constant Wattage Discharge Characteristics (W/cell), (25°C)

FV/TIME	5min	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	35.43	27.64	25.29	20.59	10.76	6.446	3.631	2.606	1.760	1.165	0.998	0.535
1.67V/cell	34.45	26.96	24.31	20.00	10.54	6.392	3.611	2.589	1.747	1.156	0.989	0.528
1.70V/cell	33.96	26.28	23.68	19.46	10.54	6.329	3.590	2.546	1.735	1.148	0.975	0.517
1.75V/cell	32.89	25.24	22.89	18.90	10.24	6.254	3.563	2.523	1.724	1.139	0.966	0.507
1.80V/cell	31.77	24.26	21.84	18.24	9.819	6.170	3.536	2.495	1.705	1.125	0.951	0.487