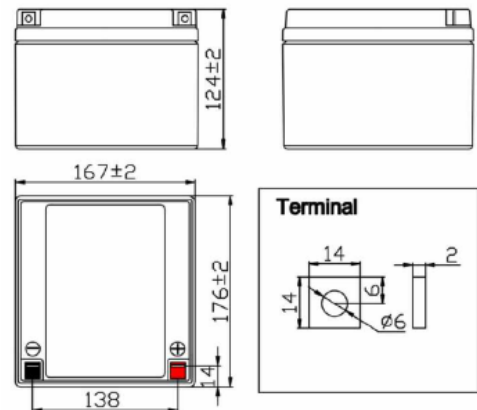


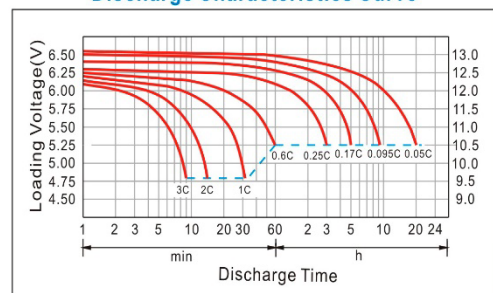
PQH1228ST3/T24 (12V 570W)



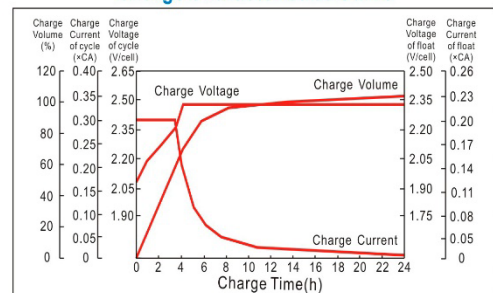
Specifications		PQH1228ST3/T24
Nominal Voltage		12V
Rated Power (25°C) 15min-rate		570W
Dimensions (mm)	Length	167
	Width	176
	Height	124
	Total Height	124
Approx. Weight (kg)		8.0 kg
Terminal		T3/T24

Characteristics		
Capacity (25°C)	20HR (1.414A)	28.2Ah
	10HR (2.702A)	27.0Ah
	5HR (4.830A)	24.1Ah
	1HR (17.57A)	17.5Ah
	15min-rate (54.06A)	13.5Ah
Impedance	Fully charged battery (25°C)	Approx. 12mΩ
	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)		375A (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

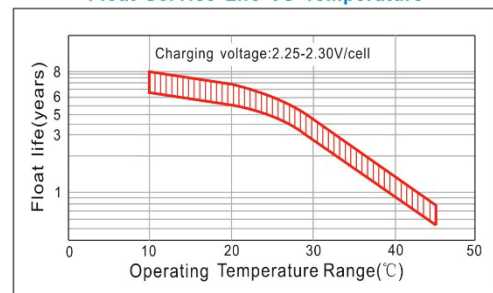
Discharge Characteristics Curve



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	107.4	82.26	74.29	50.89	30.51	18.20	10.25	7.322	4.939	3.270	2.800	1.498
1.67V/cell	103.9	79.89	71.07	49.14	30.18	18.02	10.18	7.266	4.903	3.245	2.772	1.478
1.70V/cell	102.0	77.51	68.93	47.35	29.84	17.79	10.09	7.140	4.866	3.220	2.730	1.445
1.75V/cell	97.89	73.80	66.07	45.53	28.96	17.57	10.01	7.070	4.830	3.192	2.702	1.414
1.80V/cell	93.70	70.33	62.50	43.45	27.74	17.32	9.926	6.986	4.774	3.150	2.660	1.358
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	196.9	153.5	140.5	98.24	59.75	36.10	20.34	14.60	9.854	6.524	5.591	2.996
1.67V/cell	191.4	149.8	135.0	95.00	59.20	35.80	20.22	14.50	9.781	6.474	5.539	2.959
1.70V/cell	188.6	146.0	131.5	91.93	58.58	35.44	20.10	14.26	9.717	6.429	5.460	2.894
1.75V/cell	182.7	140.2	127.2	88.78	56.91	35.02	19.95	14.13	9.652	6.379	5.409	2.840
1.80V/cell	176.5	134.8	121.4	85.09	54.55	34.55	19.80	13.97	9.548	6.300	5.324	2.727