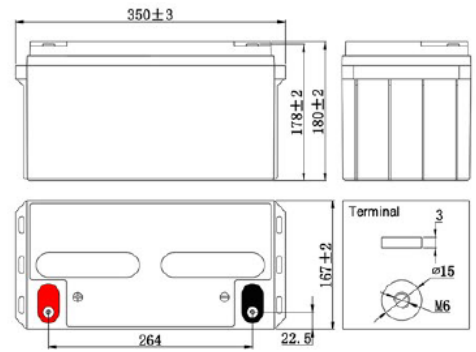
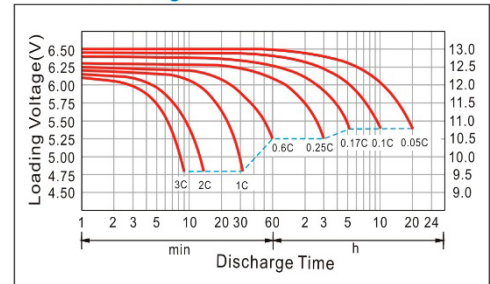


# PQH1270ST12 (12V 1380W)



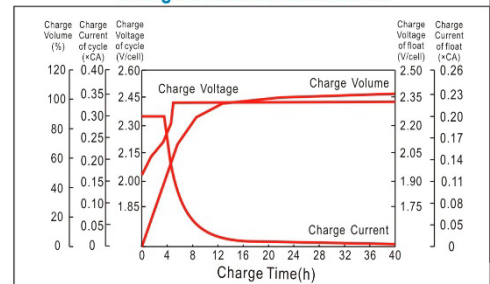
Specifications		PQH1270ST12
Nominal Voltage		12V
Rated Power (25°C) 15min-rate		1380W
Dimensions (mm)	Length	350
	Width	167
	Height	180
	Total Height (T12)	180
Approx. Weight (kg)		21.0 kg
Terminal		T12

Discharge Characteristics Curve

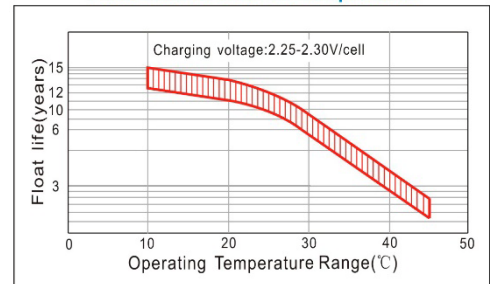


Characteristics		
Capacity (25°C)	10HR (7.070A)	70.7Ah
	5HR (12.10A)	60.5Ah
	1.5HR (31.89A)	47.8Ah
	1HR (44.31A)	44.3Ah
	15min-rate (123.8A)	30.9Ah
Impedance	Fully charged battery (25°C)	Approx. 6.5mΩ
	Temperature dependence of capacity (20HR)	
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
	Max. discharge current (25°C)	520A(5s)
Service life acc. to EUROBAT (25°C)		6-9 years
Constant voltage charge (25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 0.3CA
	Float	13.5~13.8V(-18mV/°C) max. current: 0.2CA

Charge Characteristics Curve



Float Service Life VS Temperature



Constant Current Discharge Characteristics (A), (25°C)											
F.V/TIME	5min	8min	10min	15min	20min	30min	60min	1.5H	3H	5H	10H
1.60V/cell	246.0	201.8	182.4	127.9	107.4	78.75	45.50	34.27	18.82	12.62	7.350
1.67V/cell	239.3	196.0	176.2	123.8	103.0	77.70	45.15	33.38	18.70	12.55	7.280
1.70V/cell	231.8	190.1	170.0	119.6	98.48	76.65	44.87	32.50	18.59	12.47	7.210
1.75V/cell	208.1	181.0	156.3	113.2	93.73	74.55	44.31	31.89	18.38	12.29	7.140
1.80V/cell	187.9	172.5	140.6	107.9	90.74	71.68	43.40	31.34	18.03	12.10	7.070

Constant Wattage Discharge Characteristics (W/cell), (25°C)											
F.V/TIME	5min	8min	10min	15min	20min	30min	60min	1.5H	3H	5H	10H
1.60V/cell	432.5	358.1	335.9	235.5	197.9	147.0	87.21	63.97	37.32	25.09	14.64
1.67V/cell	424.8	351.1	327.5	230.0	191.5	145.7	86.91	62.71	37.16	25.00	14.52
1.70V/cell	415.3	343.8	318.7	224.3	184.6	144.4	86.37	61.48	36.95	24.86	14.40
1.75V/cell	376.4	330.4	295.7	214.1	177.3	141.6	85.67	61.12	36.63	24.55	14.28
1.80V/cell	342.8	317.7	268.3	205.9	173.2	137.4	84.27	60.60	36.02	24.21	11.11