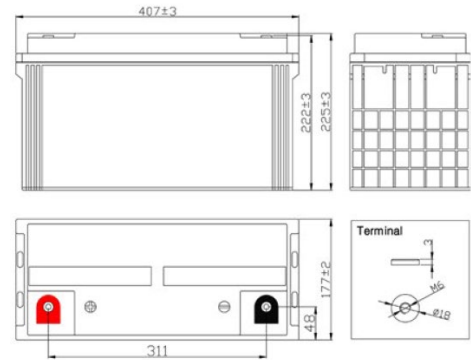


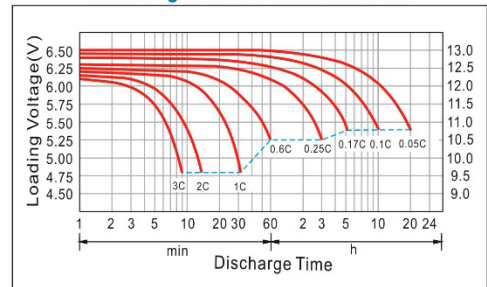
PQH12125ST13 (12V 2670W)



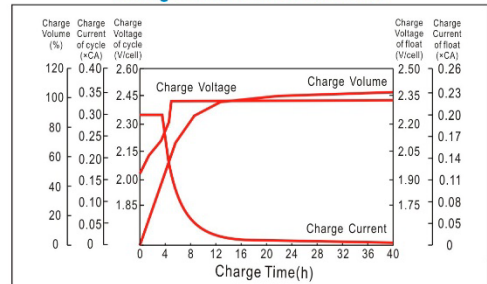
Specifications		PQH12125ST13
Nominal Voltage		12V
Rated Power (25°C) 15min-rate		2670W
Dimensions (mm)	Length	407
	Width	177
	Height	222
	Total Height	225
Approx. Weight (kg)		34.3 kg
Terminal		T13

Characteristics		
Capacity (25°C)	20HR (12.63A)	126.3Ah
	10HR (21.61A)	108.0Ah
	5HR (58.87A)	88.3Ah
	1HR (79.13A)	79.1Ah
	15min-rate (239.6A)	59.9Ah
Impedance	Fully charged battery (25°C)	Approx. 4mΩ
	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)		1000A(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

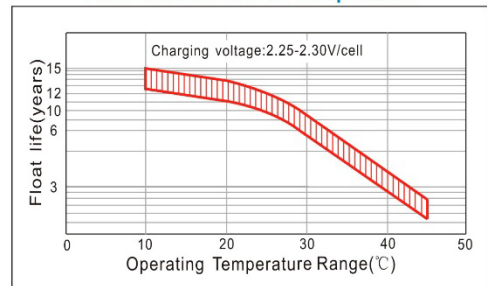
Discharge Characteristics Curve



Charge Characteristics Curve



Float Service Life VS Temperature



Constant Current Discharge Characteristics (A), (25°C)											
F.V/TIME	5min	8min	10min	15min	20min	30min	60min	1.5H	3H	5H	10H
1.60V/cell	454.1	372.5	336.7	247.2	198.4	140.6	81.25	63.26	33.60	22.54	13.13
1.67V/cell	441.8	361.8	325.3	239.6	190.2	138.8	80.63	61.63	33.40	22.41	13.00
1.70V/cell	427.9	351.0	313.8	232.0	181.8	136.9	80.13	60.00	33.19	22.28	12.88
1.75V/cell	384.2	334.2	288.6	220.1	173.0	133.1	79.13	58.87	32.81	21.94	12.75
1.80V/cell	346.8	318.5	259.6	210.2	167.5	128.0	77.50	57.86	32.19	21.61	12.63

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	798.4	661.2	620.1	455.3	365.3	262.5	155.7	118.1	66.64	44.81	26.14
1.67V/cell	784.3	648.2	604.6	445.3	353.5	260.2	155.2	115.8	66.35	44.64	25.94
1.70V/cell	766.7	634.7	588.4	434.9	340.9	257.8	154.2	113.5	65.99	44.40	25.71
1.75V/cell	694.8	609.9	545.9	416.3	327.3	252.9	153.0	112.8	65.41	43.84	25.50
1.80V/cell	632.9	586.5	495.3	401.2	319.7	245.3	150.5	111.9	64.32	43.23	25.25