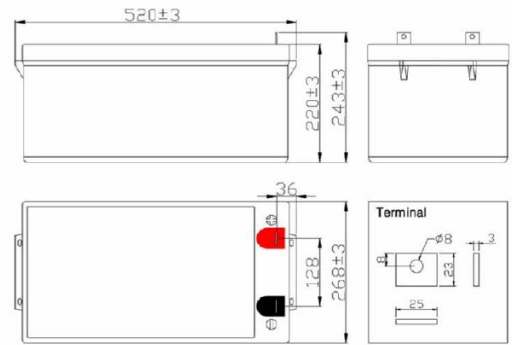
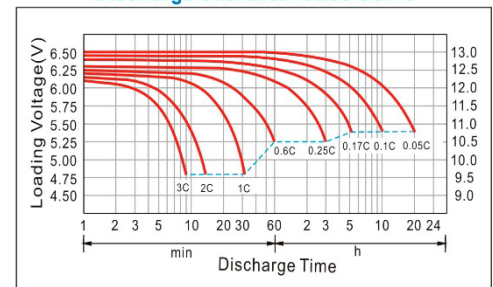


# PQH12250ST9 (12V 925W)

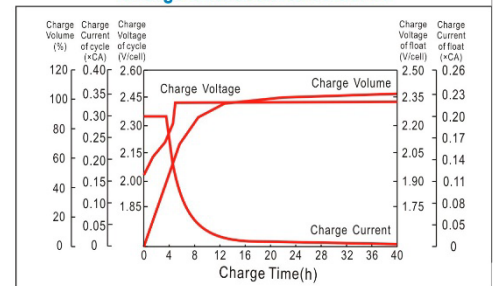


Specifications		PQH12250ST9
Nominal Voltage		12V
Rated Power (25°C) 15min-rate		925W
Dimensions (mm)	Length	520
	Width	268
	Height	220
	Total Height	223
Approx. Weight (kg)		69.5 kg
Terminal		T13

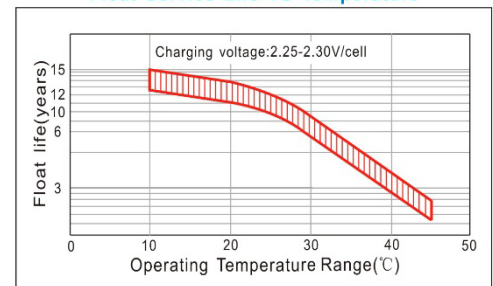
**Discharge Characteristics Curve**



**Charge Characteristics Curve**



**Float Service Life VS Temperature**



Characteristics		
Capacity (25°C)	10HR (25.25A)	252.5Ah
	5HR (43.23A)	216.1Ah
	1.5HR (122.7A)	184.0Ah
	1HR (155.6A)	155.6Ah
	15min-rate (499.3A)	124.8Ah
Impedance	Fully charged battery (25°C)	Approx. 3.0mΩ
	Temperature dependence of capacity (20HR)	
	40°C	107%
	25°C	100%
	0°C	76%
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		2000A(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

Constant Current Discharge Characteristics (A), (25°C)											
FV/TIME	5min	8min	10min	15min	20min	30min	60min	1.5H	3H	5H	10H
1.60V/cell	946.0	776.0	701.5	515.0	413.3	295.3	165.3	105.4	67.20	45.08	26.25
1.67V/cell	920.5	753.8	677.8	499.3	396.3	287.5	162.3	102.7	66.80	44.83	26.00
1.70V/cell	891.5	731.3	653.8	483.3	378.8	279.5	159.3	100.0	66.38	44.55	25.75
1.75V/cell	800.5	696.3	601.3	458.5	360.5	269.3	155.6	98.12	65.63	43.88	25.50
1.80V/cell	722.5	663.5	540.8	438.0	349.0	258.0	151.9	96.44	64.38	43.23	25.25
Constant Wattage Discharge Characteristics (W/cell), (25°C)											
FV/TIME	5min	8min	10min	15min	20min	30min	60min	1.5H	3H	5H	10H
1.60V/cell	1663.4	1377.4	1291.9	948.5	761.1	548.7	307.2	246.0	133.3	89.62	52.28
1.67V/cell	1633.9	1350.5	1259.5	927.8	736.4	536.7	303.5	241.2	132.6	89.20	51.83
1.70V/cell	1597.3	1322.3	1225.8	906.1	710.2	526.4	300.0	236.5	132.0	88.80	51.41
1.75V/cell	1447.6	1270.7	1137.4	867.3	681.9	513.8	296.9	235.1	130.8	87.68	51.00
1.80V/cell	1318.6	1221.9	1031.9	835.9	666.0	496.7	292.4	233.1	128.6	86.45	50.50