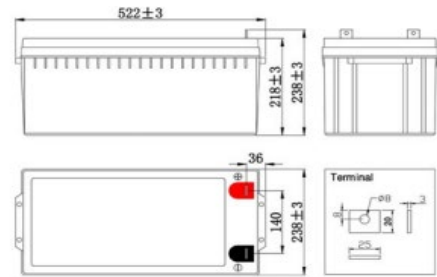


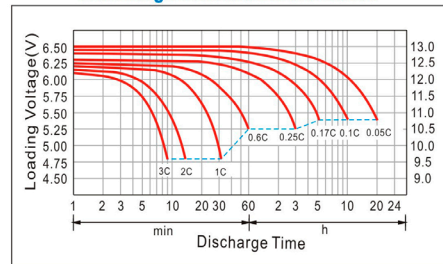
PQC12200T9 (12V 200Ah)



Unit: mm

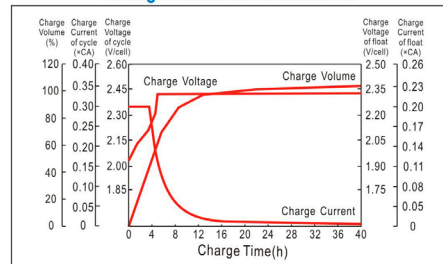
Specifications		PQC12200T9
Nominal Voltage		12V
Rated Capacity		200Ah
Dimensions (mm)	Length	522
	Width	238
	Height	218
	Total Height	238
Approx. Weight (kg)		60.5
Terminal		T9

Discharge Characteristics Curve

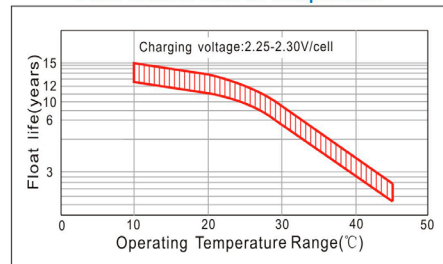


Characteristics		
Capacity 25°C	20HR (10.90A)	218.0Ah
	10HR (20.40A)	204.0Ah
	5HR (35.00A)	175.0Ah
	1HR (126.6A)	126.0Ah
Impedance	Fully charged battery	Approx.
	25°C	3.5 mΩ
Temperature dependence of capacity (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		1600A (5s)
Expected cycle life (@ DOD 80%)		450
Constant voltage charge (25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 1600A
	Float	13.6~13.8V(-18mV/°C)

Charge Characteristics Curve



Float Service Life VS Temperature



Constant Current Discharge Characteristics (A), (25°C)											
FV/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	680.0	453.0	362.8	225.0	130.0	77.70	55.20	36.96	24.84	21.20	11.60
1.70V/cell	610.0	417.0	345.0	219.0	128.2	76.70	54.20	36.08	24.44	20.90	11.30
1.75V/cell	550.0	385.0	329.0	213.0	126.6	75.70	53.60	35.54	24.20	20.70	11.10
1.80V/cell	490.0	351.0	309.0	204.8	124.0	74.66	53.00	35.00	23.84	20.40	10.90

Constant Wattage Discharge Characteristics (W), (25°C)											
FV/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	1173.0	807.9	659.1	420.0	249.2	151.5	109.5	73.49	49.43	42.22	23.18
1.70V/cell	1077.7	757.6	635.4	412.5	246.8	150.2	107.8	71.92	48.76	41.73	22.60
1.75V/cell	985.4	709.0	611.4	404.7	244.8	148.9	106.8	71.02	48.40	41.40	22.20
1.80V/cell	890.2	655.2	579.4	392.5	240.8	148.1	105.9	70.00	47.68	40.80	21.80