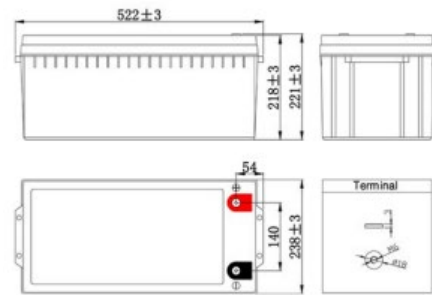


PQC12200T13 (12V 200Ah)

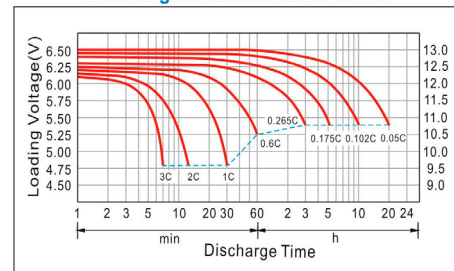


Unit: mm

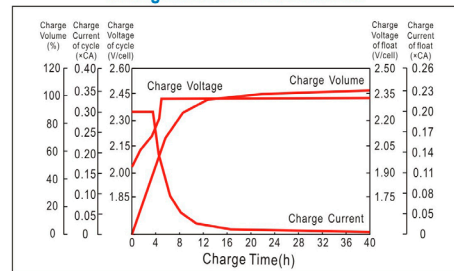
Specifications		PQC12200T13
Nominal Voltage		12V
Rated Capacity		200Ah
Dimensions (mm)	Length	522
	Width	238
	Height	218
	Total Height	221
Approx. Weight (kg)		60.5
Terminal		T13

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)

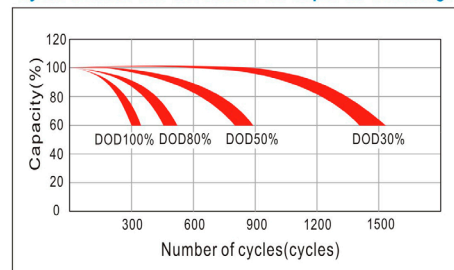
Discharge Characteristics Curve



Charge Characteristics Curve



Cycle service life in relation to depth of discharge



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