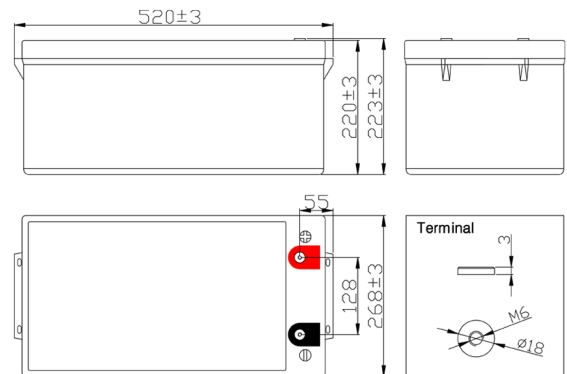


PQ12200XT13 (12V 200Ah)

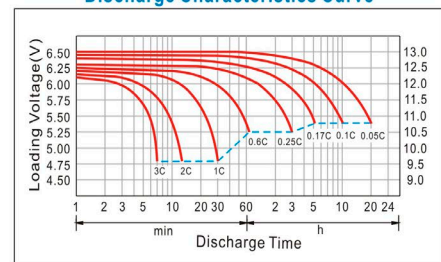


Unit: mm

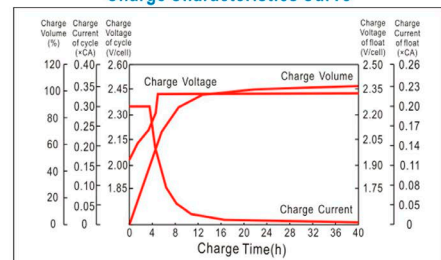
Specifications		PQ12200XT13	
Nominal Voltage		12V	
Rated Capacity		200Ah	
Dimensions (mm)	Length	522	
	Width	238	
	Height	218	
	Total Height	221	
Approx. Weight (kg)		55.5 kg	
Terminal		T13	

Characteristics		
Capacity 25°C	20HR (10.72A)	214.4Ah
	10HR (20.20A)	202.0Ah
	5HR (34.58A)	172.9Ah
	1HR (126.6A)	126.6Ah
	15 min rate (350A)	87.5Ah
Impedance	Fully charged battery	Approx.
	25°C	3.5mΩ
Temperature dependence of capacity (20HR)	40°C	107%
	25°C	100%
	0°C	76%
	-15°C	56%
Self-discharge (25°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		1300A (5s)
Service life acc. to EUROBAT (20°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

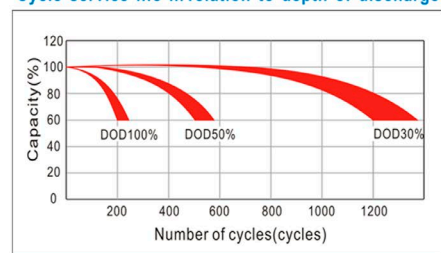
Discharge Characteristics Curve



Charge Characteristics Curve



Cycle service life in relation to depth of discharge



Constant Current Discharge Characteristics (A), (25°C)											
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	670,0	430,0	350,0	225,0	130,0	77,70	53,76	36,06	24,84	21,00	11,52
1.70V/cell	590,0	390,0	335,0	219,0	128,2	76,70	53,10	35,64	24,44	20,60	11,12
1.75V/cell	530,0	360,0	317,0	213,0	126,6	75,70	52,50	35,10	24,20	20,40	10,92
1.80V/cell	460,0	326,0	297,0	204,8	124,0	74,66	51,50	34,58	23,84	20,20	10,72

Constant Wattage Discharge Characteristics (W/cell), (25°C)											
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	1155,8	766,8	635,8	420,0	249,2	151,5	106,6	71,70	49,43	41,83	23,02
1.70V/cell	1042,3	708,5	617,0	412,5	246,8	150,2	105,6	71,04	48,76	41,13	22,24
1.75V/cell	949,6	663,0	589,1	404,7	244,8	148,9	104,7	70,14	48,40	40,80	21,84
1.80V/cell	835,7	608,5	556,9	392,5	240,8	148,1	102,9	69,16	47,68	40,40	21,44