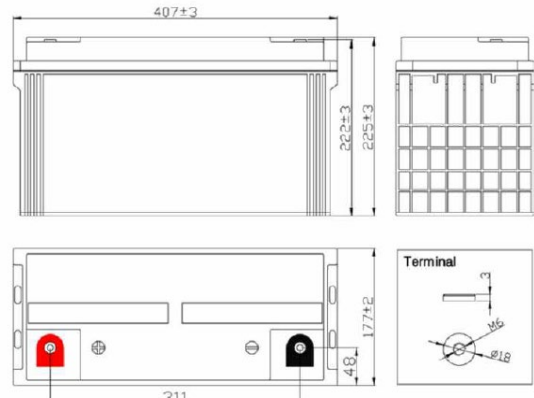


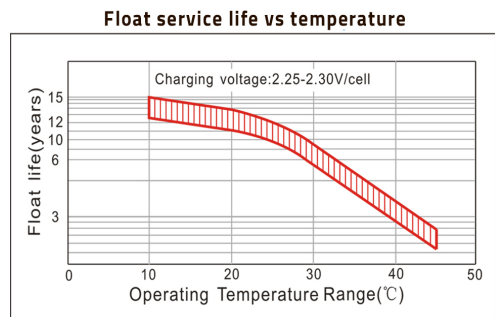
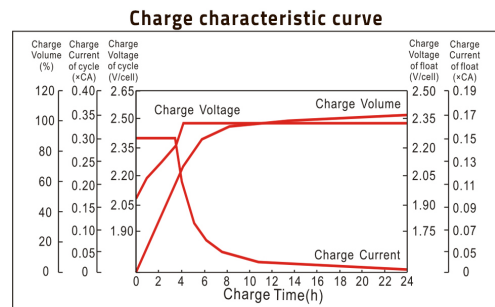
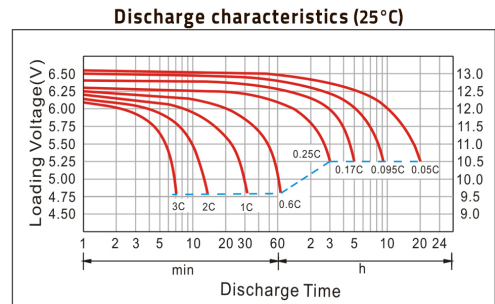
PQ12120XT13 (12V 120Ah)



Specifications		PQ12120XT13
Nominal Voltage		12V
Rated Capacity		120Ah
Dimensions (mm)	Length	407
	Width	177
	Height	225
	Total Height	225
Approx. Weight (kg)		32.6
Terminal		T13

Characteristics		
Capacity 25°C	20HR (6.432A)	128.6Ah
	10HR (12.12A)	121.2Ah
	5HR (20.75A)	103.7Ah
	1HR (75.96A)	75.9Ah
	15 min rate (210A)	52.5Ah
Impedance	Fully charged battery	Approx.
	25°C	4.0mΩ
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)		960 (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: 36A
	Float	13.6~13.8V(-18mV/°C)

Unit: mm



Constant Current Discharge Characteristics (A), (25°C)												
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H	
1.60V/cell	402,0	258,0	210,0	135,0	78,00	46,62	32,26	21,64	14,90	12,60	6,912	
1.70V/cell	354,0	234,0	201,0	131,4	76,92	46,02	31,86	21,38	14,66	12,36	6,672	
1.75V/cell	318,0	216,0	190,2	127,8	75,96	45,42	31,50	21,06	14,52	12,24	6,552	
1.80V/cell	276,0	195,6	178,2	122,9	74,40	44,80	30,90	20,75	14,30	12,12	6,432	

Constant Wattage Discharge Characteristics (W), (25°C)												
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H	
1.60V/cell	693,5	460,1	381,5	252,0	149,5	90,91	63,97	43,02	29,66	25,10	13,81	
1.70V/cell	625,4	425,1	370,2	247,5	148,1	90,12	63,35	42,63	29,25	24,68	13,34	
1.75V/cell	569,8	397,8	353,5	242,8	146,9	89,33	62,79	42,08	29,04	24,48	13,10	
1.80V/cell	501,4	365,1	334,1	235,5	144,5	88,85	61,75	41,50	28,61	24,24	12,86	