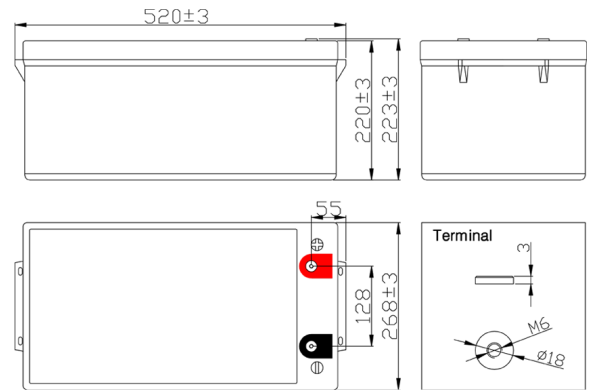


# PQ12250XT13 (12V 250Ah)

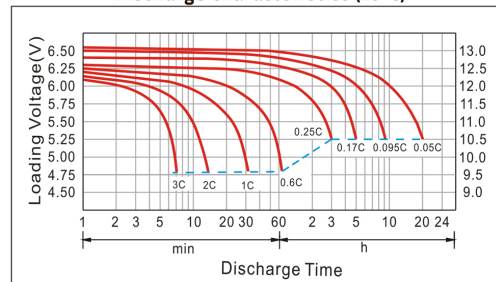


Unit: mm

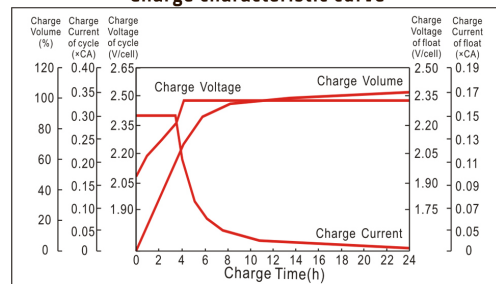
Specifications		PQ12250XT13
Nominal Voltage		12V
Rated Capacity		250Ah
Dimensions (mm)	Length	520
	Width	268
	Height	220
	Total Height	223
Approx. Weight (kg)		67.0
Terminal		T13

Characteristics		
Capacity 25°C	20HR (13.40A)	268.0Ah
	10HR (25.25A)	252.5Ah
	5HR (43.23A)	216.1Ah
	1HR (158.3A)	158.3Ah
	15 min rate (437.5A)	109.3Ah
Impedance	Fully charged battery	Approx.
	25°C	3.0mΩ
Temperature dependence of capacity (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		1625A(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: 75AA
	Float	13.6~13.8V(-18mV/°C)

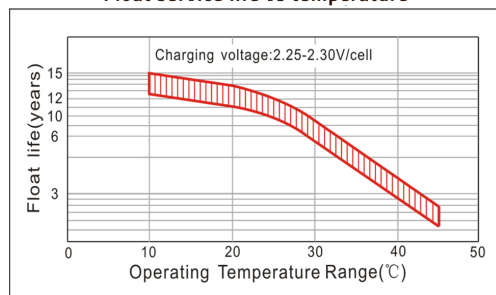
Discharge characteristics (25°C)



Charge characteristic curve



Float service life vs temperature



Constant Current Discharge Characteristics (A), (25°C)												
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H	
1.60V/cell	837,5	537,5	437,5	281,3	162,5	97,13	67,20	45,08	31,05	26,25	14,40	
1.70V/cell	737,5	487,5	418,8	273,8	160,3	95,88	66,38	44,55	30,55	25,75	13,90	
1.75V/cell	662,5	450,0	396,3	266,3	158,3	94,63	65,63	43,88	30,25	25,50	13,65	
1.80V/cell	575,0	407,5	371,3	256,0	155,0	93,33	64,38	43,23	29,80	25,25	13,40	

Constant Wattage Discharge Characteristics (W), (25°C)												
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H	
1.60V/cell	1444,7	958,5	794,8	525,0	311,5	189,4	133,3	89,62	61,79	52,28	28,78	
1.70V/cell	1302,9	885,6	771,2	515,6	308,5	187,8	132,0	88,80	60,95	51,41	27,80	
1.75V/cell	1187,0	828,8	736,4	505,9	306,0	186,1	130,8	87,68	60,50	51,00	27,30	
1.80V/cell	1044,6	760,7	696,1	490,7	301,0	185,1	128,6	86,45	59,60	50,50	26,80	