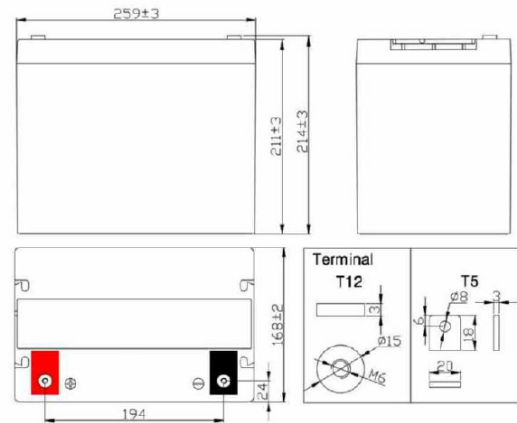


# PQ1275T12/T5 (12V 75Ah)

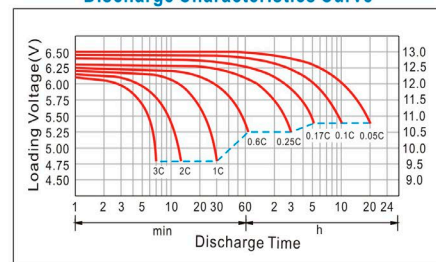


Unit: mm

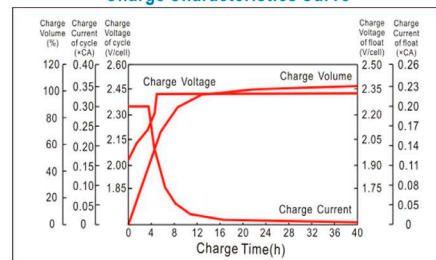
Specifications		PQ1275XT12/T5
Nominal Voltage		12V
Rated Capacity		75Ah
Dimensions (mm)	Length	259
	Width	168
	Height	211
	Total Height	214
Approx. Weight (kg)		21.5
Terminal		T12/T5

Characteristics		
Capacity 25°C	20HR (4.030A)	80.4Ah
	10HR (7.575A)	75.7Ah
	5HR (12.97A)	64.8Ah
	1HR (47.48A)	47.4Ah
	15 min rate (131.3A)	32.8Ah
Impedance	Fully charged battery	Approx.
	25°C	7.5mΩ
Temperature dependence of capacity (20HR)	40°C	107%
	25°C	100%
	0°C	76%
	-15°C	56%
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		600A (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: 0.3CA
	Float	13.5~13.8V(-18mV/°C) max. current: 0.2CA

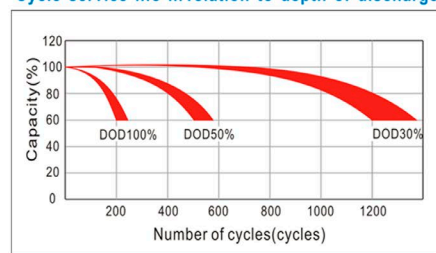
Discharge Characteristics Curve



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	251,3	161,3	131,3	84,38	48,75	29,14	20,16	13,52	9,315	7,875	4,320
1.70V/cell	221,3	146,3	125,6	82,13	48,08	28,76	19,91	13,37	9,165	7,725	4,170
1.75V/cell	198,8	135,0	118,9	79,88	47,48	28,39	19,69	13,16	9,075	7,650	4,095
1.80V/cell	172,5	122,3	111,4	76,80	46,50	28,00	19,31	12,97	8,940	7,575	4,020

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	433,4	287,6	238,4	157,5	93,44	56,82	39,98	26,89	18,54	15,68	8,633
1.70V/cell	390,9	265,7	231,4	154,7	92,54	56,33	39,59	26,64	18,28	15,42	8,340
1.75V/cell	356,1	248,6	220,9	151,8	91,79	55,83	39,24	26,30	18,15	15,30	8,190
1.80V/cell	313,4	228,2	208,8	147,2	90,29	55,53	38,59	25,94	17,88	15,15	8,040