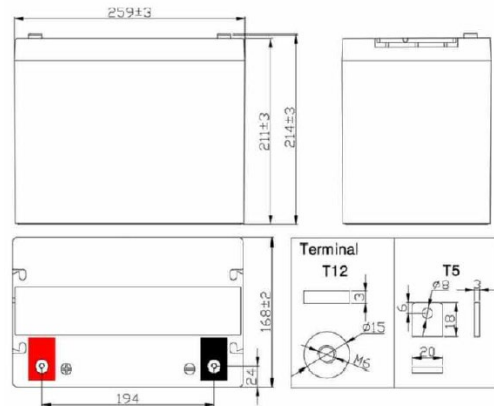


# PQ1270T12/T5 (12V 70Ah)

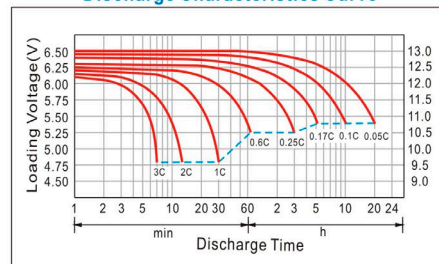


Unit: mm

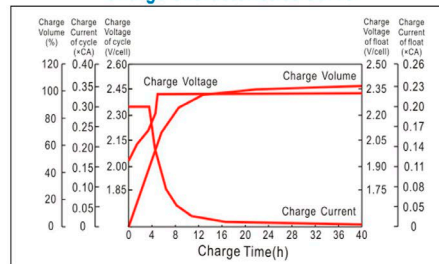
Specifications		PQ1270XT12/T5
Nominal Voltage		12V
Rated Capacity		70Ah
Dimensions (mm)	Length	259
	Width	168
	Height	211
	Total Height	214
Approx. Weight (kg)		20.5
Terminal		T12/T5

Characteristics		
Capacity 25°C	20HR (3.752A)	75.0Ah
	10HR (7.070A)	70.7Ah
	5HR (12.10A)	60.5Ah
	1HR (44.31A)	44.3Ah
	15 min rate	-
Impedance	Fully charged battery	Approx. 7.5mΩ
	25°C	
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)		560A (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

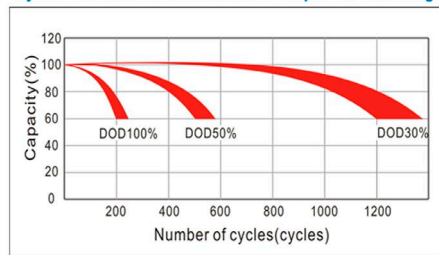
Discharge Characteristics Curve



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	234,5	150,5	122,5	78,75	45,50	27,20	18,82	12,62	8,694	7,350	4,032
1.70V/cell	206,5	136,5	117,3	76,65	44,87	26,85	18,59	12,47	8,554	7,210	3,892
1.75V/cell	185,5	126,0	111,0	74,55	44,31	26,50	18,38	12,29	8,470	7,140	3,822
1.80V/cell	161,0	114,1	104,0	71,68	43,40	26,13	18,03	12,10	8,344	7,070	3,752

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	404,5	268,4	222,5	147,0	87,21	53,03	37,32	25,09	17,30	14,64	8,057
1.70V/cell	364,8	248,0	215,9	144,4	86,37	52,57	36,95	24,86	17,07	14,40	7,784
1.75V/cell	332,4	232,1	206,2	141,6	85,67	52,11	36,63	24,55	16,94	14,28	7,644
1.80V/cell	292,5	213,0	194,9	137,4	84,27	51,83	36,02	24,21	16,69	14,14	7,504