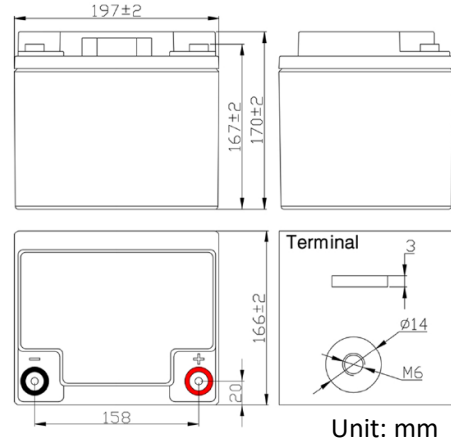


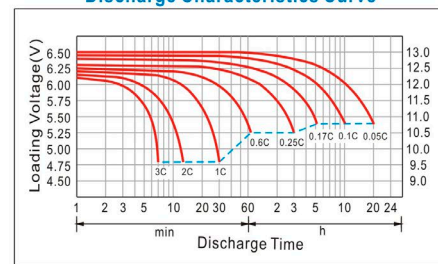
PQ1240XT11 (12V 40Ah)



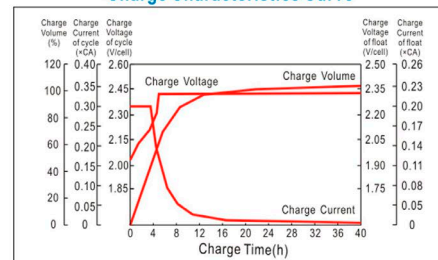
Specifications		PQ1240XT11
Nominal Voltage		12V
Rated Capacity		40.0Ah
Dimensions (mm)	Length	197
	Width	166
	Height	170
	Total Height	170
Approx. Weight (kg)		12.5
Terminal		T11

Characteristics		
Capacity 25°C	20HR (2.144A)	42.8Ah
	10HR (4.040A)	40.4Ah
	5HR (6.916A)	34.5Ah
	1HR (25.32A)	25.3Ah
	15 min rate (70A)	17.5Ah
Impedance	Fully charged battery	Approx.
	25°C	9.5mΩ
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)		320A (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

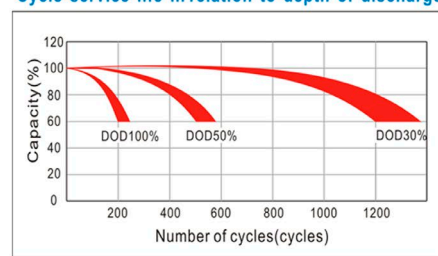
Discharge Characteristics Curve



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	134,0	86,00	70,00	45,00	26,00	15,54	10,75	7,212	4,968	4,200	2,304
1.70V/cell	118,0	78,00	67,00	43,80	25,64	15,34	10,62	7,128	4,888	4,120	2,224
1.75V/cell	106,0	72,00	63,40	42,60	25,32	15,14	10,50	7,020	4,840	4,080	2,184
1.80V/cell	92,00	65,20	59,40	40,96	24,80	14,93	10,30	6,916	4,768	4,040	2,144

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	231,2	153,4	127,2	84,00	49,83	30,30	21,32	14,34	9,886	8,365	4,604
1.70V/cell	208,5	141,7	123,4	82,49	49,36	30,04	21,12	14,21	9,752	8,226	4,448
1.75V/cell	189,9	132,6	117,8	80,94	48,95	29,78	20,93	14,03	9,680	8,160	4,368
1.80V/cell	167,1	121,7	111,4	78,51	48,15	29,62	20,58	13,83	9,536	8,080	4,288