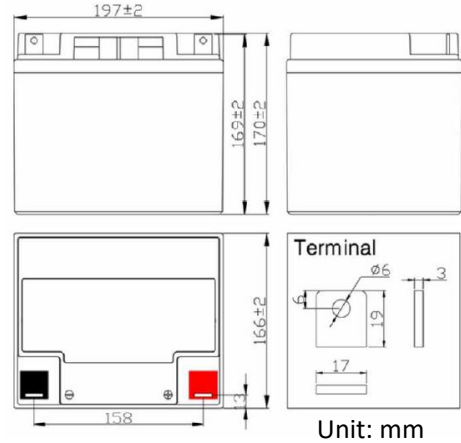


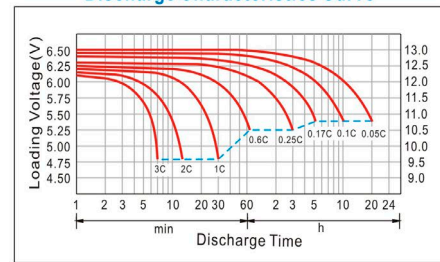
PQ1245XT4 (12V 45Ah)



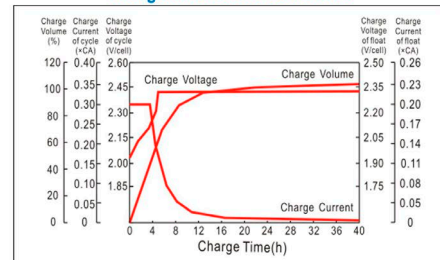
Specifications		PQ1245XT4
Nominal Voltage		12V
Rated Capacity		45Ah
Dimensions (mm)	Length	197
	Width	166
	Height	170
	Total Height	170
Approx. Weight (kg)		13.8
Terminal		T4

Characteristics		
Capacity 25°C	20HR (2.412A)	48.2Ah
	10HR (4.545A)	45.4Ah
	5HR (7.781A)	38.9Ah
	1HR (28.49A)	28.4Ah
	15 min rate	-
Impedance	Fully charged battery	Approx.
	25°C	8.0 mΩ
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)		360A (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

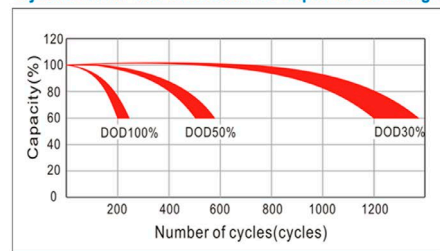
Discharge Characteristics Curve



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	150,8	96,75	78,75	50,63	29,25	17,48	12,10	8,114	5,589	4,725	2,592
1.70V/cell	132,8	87,75	75,38	49,28	28,85	17,26	11,95	8,019	5,499	4,635	2,502
1.75V/cell	119,3	81,00	71,33	47,93	28,49	17,03	11,81	7,898	5,445	4,590	2,457
1.80V/cell	103,5	73,35	66,83	46,08	27,90	16,80	11,59	7,781	5,364	4,545	2,412

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	260,0	172,5	143,1	94,50	56,06	34,09	23,99	16,13	11,12	9,411	5,180
1.70V/cell	234,5	159,4	138,8	92,80	55,53	33,80	23,76	15,98	10,97	9,255	5,004
1.75V/cell	213,7	149,2	132,5	91,06	55,07	33,50	23,55	15,78	10,89	9,180	4,914
1.80V/cell	188,0	136,9	125,3	88,32	54,17	33,32	23,16	15,56	10,73	9,090	4,824