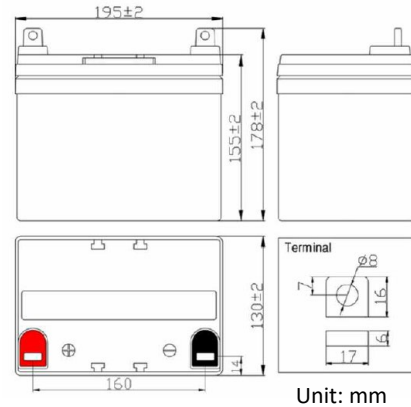


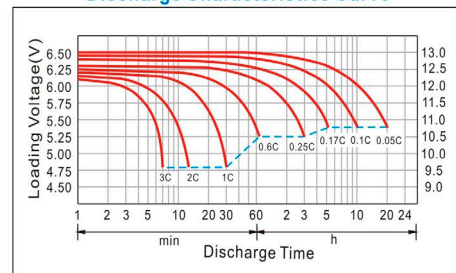
PQ1233XT8 (12V 33Ah)



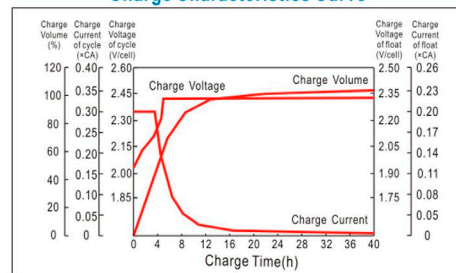
Specifications		PQ1233XT8
Nominal Voltage		12V
Rated Capacity		33.0Ah
Dimensions (mm)	Length	195
	Width	130
	Height	155
	Total Height	178
Approx. Weight (kg)		9.4
Terminal		T8

Characteristics		
Capacity 25°C	20HR (1.769A)	35.3Ah
	10HR (3.333A)	33.3Ah
	5HR (5.706A)	28.5Ah
	1HR (20.89A)	20.8Ah
	15 min rate (57.75A)	14.4Ah
Impedance	Fully charged battery	Approx.
	25°C	10.5mΩ
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)		264A (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

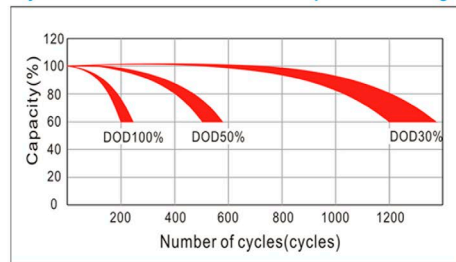
Discharge Characteristics Curve



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	110,6	70,95	57,75	37,13	21,45	12,82	8,870	5,950	4,099	3,465	1,901
1.70V/cell	97,35	64,35	55,28	36,14	21,15	12,66	8,762	5,881	4,033	3,399	1,835
1.75V/cell	87,45	59,40	52,31	35,15	20,89	12,49	8,663	5,792	3,993	3,366	1,802
1.80V/cell	75,90	53,79	49,01	33,79	20,46	12,32	8,498	5,706	3,934	3,333	1,769

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	190,7	126,5	104,9	69,30	41,11	25,00	17,59	11,83	8,156	6,901	3,798
1.70V/cell	172,0	116,9	101,8	68,05	40,72	24,78	17,42	11,72	8,045	6,787	3,670
1.75V/cell	156,7	109,4	97,20	66,78	40,39	24,56	17,27	11,57	7,986	6,732	3,604
1.80V/cell	137,9	100,4	91,88	64,77	39,73	24,43	16,98	11,41	7,867	6,666	3,538