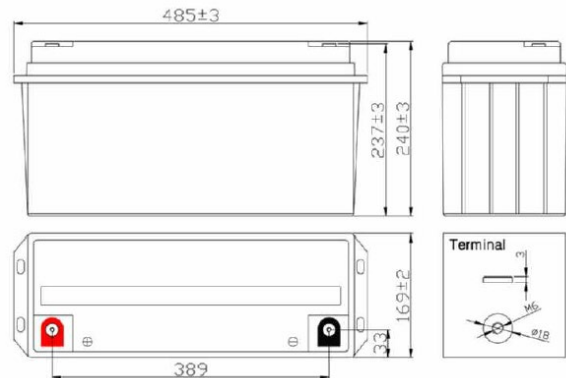


PQ12150XT13 (12V 150Ah)

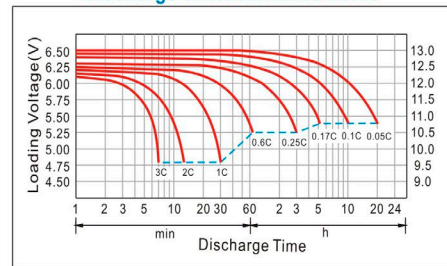


Unit: mm

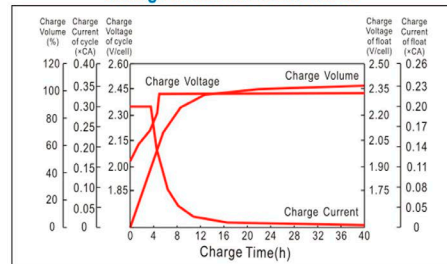
Specifications		PQ12150XT13
Nominal Voltage		12V
Rated Capacity		150Ah
Dimensions (mm)	Length	485
	Width	169
	Height	240
	Total Height	240
Approx. Weight (kg)		40.5
Terminal		T13

Characteristics		
Capacity 25°C	20HR (8.040)	160.8Ah
	10HR (15.15A)	151.5Ah
	5HR (25.94A)	129.7Ah
	1HR (94.95A)	94.9Ah
	15 min rate (262.5A)	65.6Ah
Impedance	Fully charged battery	Approx.
	25°C	4.0mΩ
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)		1200A(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

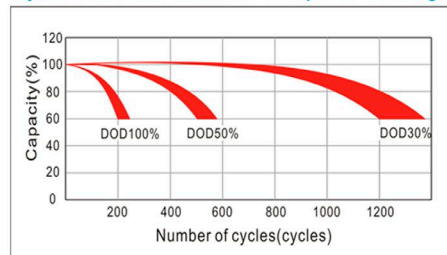
Discharge Characteristics Curve



Charge Characteristics Curve



Cycle service life in relation to depth of discharge



Constant Current Discharge Characteristics (A), (25°C)

FV/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	502,5	322,5	262,5	168,8	97,50	58,28	40,32	27,05	18,63	15,75	8,640
1.70V/cell	442,5	292,5	251,3	164,3	96,15	57,53	39,83	26,73	18,33	15,45	8,340
1.75V/cell	397,5	270,0	237,8	159,8	94,95	56,78	39,38	26,33	18,15	15,30	8,190
1.80V/cell	345,0	244,5	222,8	153,6	93,00	56,00	38,63	25,94	17,88	15,15	8,040

Constant Wattage Discharge Characteristics (W/cell), (25°C)

FV/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	866,8	575,1	476,9	315,0	186,9	113,6	79,97	53,77	37,07	31,37	17,27
1.70V/cell	781,8	531,4	462,7	309,3	185,1	112,7	79,19	53,28	36,57	30,85	16,68
1.75V/cell	712,2	497,3	441,8	303,5	183,6	111,7	78,49	52,61	36,30	30,60	16,38
1.80V/cell	626,8	456,4	417,7	294,4	180,6	111,1	77,19	51,87	35,76	30,30	16,08