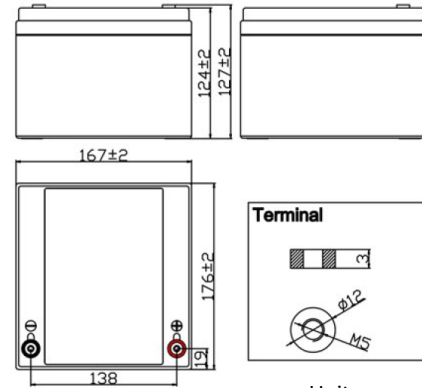


PQ1228T10 (12V 28Ah)

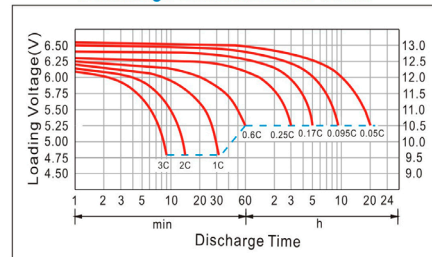


Unit: mm

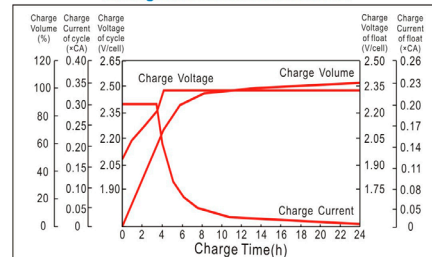
Specifications		PQ1228T10
Nominal Voltage		12V
Rated Capacity		28.0Ah
Dimensions (mm)	Length	167
	Width	176
	Height	124
	Total Height	127
Approx. Weight (kg)		8.0
Terminal		T10

Characteristics		
Capacity 25°C	20HR (1.414A)	28.2Ah
	10HR (2.702A)	27.0Ah
	5HR (4.830A)	24.1Ah
	1HR (18.20A)	18.2Ah
	15 min rate (50.89A)	12.7Ah
Impedance	Fully charged battery	Approx.
	25°C	12mΩ
Temperature dependence of capacity (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		420A (5s)
Service life acc. to EUROBAT (25°C)		3-5 years
Constant voltage charge (25°C)	Cycle	14.7~15.0V(-24mV/°C) max. current: 0.3CA
	Float	13.5~13.8V(-18mV/°C) max. current: 0.2CA

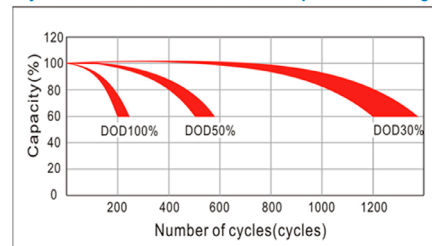
Discharge Characteristics Curve



Charge Characteristics Curve



Cycle service life in relation to depth of discharge



Constant Current Discharge Characteristics (A), (25°C)												
F.V/TIME	5min	8min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H

1.60V/cell	107,4	82,26	74,29	50,89	30,51	18,20	10,25	7,322	4,939	3,270	2,800	1,498
1.67V/cell	103,9	79,89	71,07	49,14	30,18	18,02	10,18	7,266	4,903	3,245	2,772	1,478
1.70V/cell	102,0	77,51	68,93	47,35	29,84	17,79	10,09	7,140	4,866	3,220	2,730	1,445
1.75V/cell	97,89	73,80	66,07	45,53	28,96	17,57	10,01	7,070	4,830	3,192	2,702	1,414
1.80V/cell	93,70	70,33	62,50	43,45	27,74	17,32	9,926	6,986	4,774	3,150	2,660	1,358

Constant Wattage Discharge Characteristics (W/cell), (25°C)												
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1.60V/cell	196,9	153,5	140,5	98,21	59,75	36,10	20,34	14,60	9,854	6,524	5,591	2,996
1.67V/cell	191,4	149,8	135,0	95,00	59,20	35,80	20,22	14,50	9,781	6,474	5,539	2,959
1.70V/cell	188,6	146,0	131,5	91,93	58,58	35,44	20,10	14,26	9,717	6,429	5,460	2,894
1.75V/cell	182,7	140,2	127,2	88,78	56,91	35,02	19,95	14,13	9,652	6,379	5,409	2,840
1.80V/cell	176,5	134,8	121,4	85,09	54,55	34,55	19,80	13,97	9,548	6,300	5,324	2,727