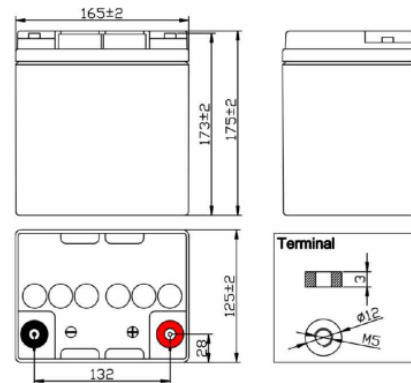


PQ1228ST10 (12V 28Ah)

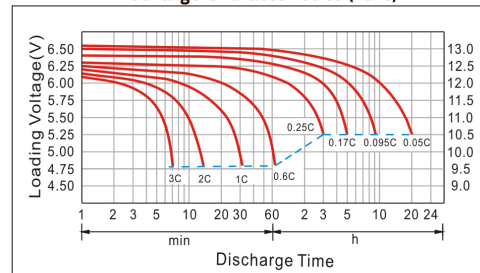


Unit: mm

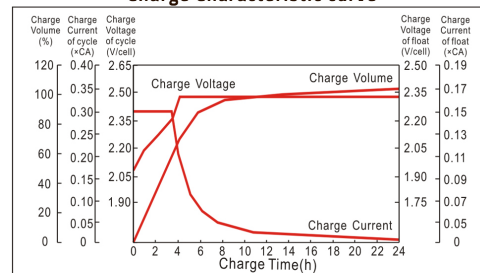
Specifications		PQ1228ST10
Nominal Voltage	12V	
Rated Capacity	28.0Ah	
Dimensions (mm)	Length	165
	Width	125
	Height	175
	Total Height	178
Approx. Weight (kg)	8.8	
Terminal	T10	

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 (53.90A)	13.4Ah
Impedance	Fully charged battery	Approx. 12mΩ
	25°C	102%
Temperature dependence of capacity (20HR)	40°C	102%
	25°C	100%
	0°C	76%
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	14.5~14.9V(-24mV/°C) max. current: 8.4A
	Float	13.6~13.8V(-18mV/°C)

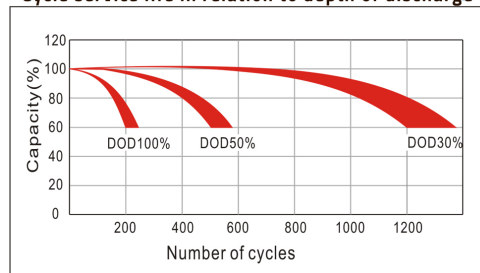
Discharge Characteristics (25°C)



Charge Characteristic 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	110,5	72,38	53,90	28,70	18,20	10,25	7,322	4,939	3,270	2,800	1,498
1.70V/cell	100,2	67,06	50,82	27,86	17,79	10,09	7,140	4,866	3,220	2,730	1,445
1.75V/cell	90,02	62,86	48,02	27,02	17,57	10,01	7,070	4,830	3,192	2,702	1,414
1.80V/cell	80,78	58,80	45,22	26,18	17,32	9,926	6,986	4,774	3,150	2,660	1,358

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

F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	199,7	132,1	99,27	54,77	36,10	20,34	14,60	9,854	6,524	5,591	2,996
1.70V/cell	184,6	124,6	95,29	53,63	35,44	20,10	14,26	9,717	6,429	5,460	2,894
1.75V/cell	168,0	118,9	90,84	52,46	35,02	19,95	14,13	9,652	6,379	5,409	2,840
1.80V/cell	152,1	112,2	86,29	51,27	34,55	19,80	13,97	9,548	6,300	5,324	2,727