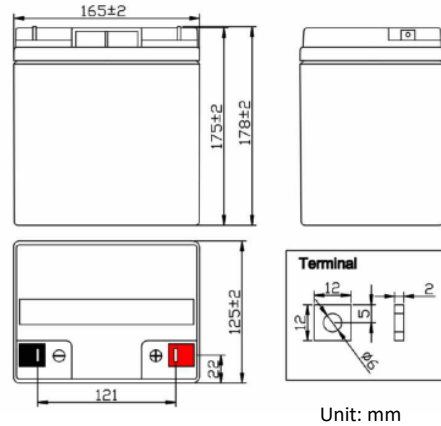
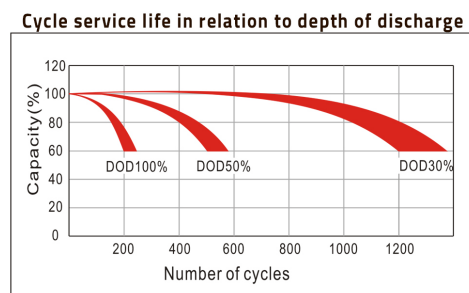
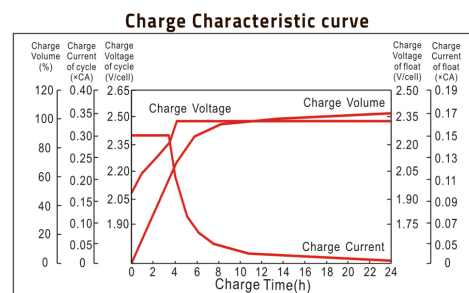
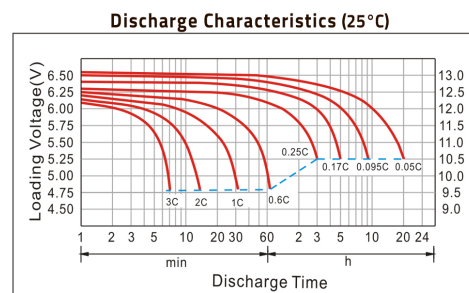


PQ1228ST3 (12V 28Ah)



Specifications		PQ1228ST3
Nominal Voltage		12V
Rated Capacity		28.0Ah
Dimensions (mm)	Length	165
	Width	125
	Height	175
	Total Height	178
Approx. Weight (kg)		8.8
Terminal		T3

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 25°C	Approx. 12mΩ
	Temperature dependence of capacity (20HR)	
	40°C	104%
	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)



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