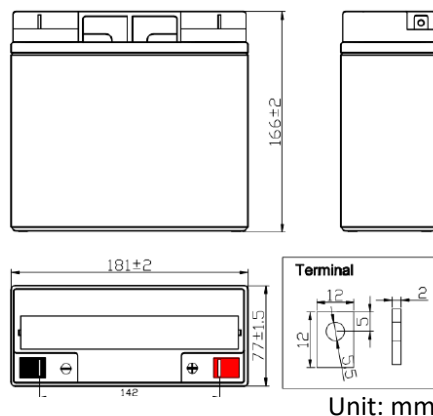
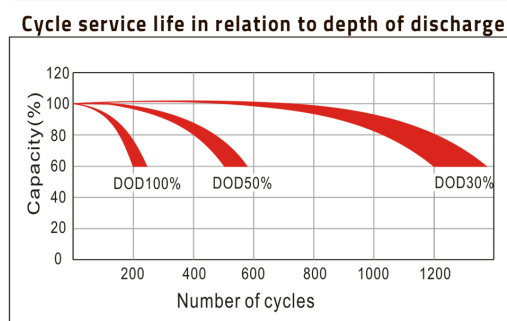
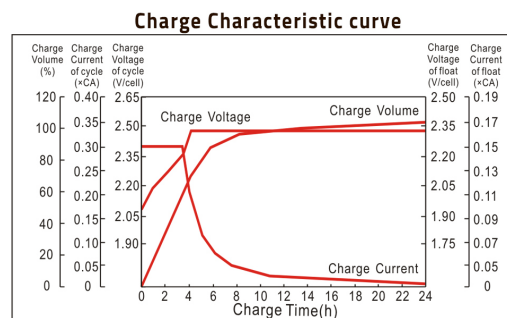
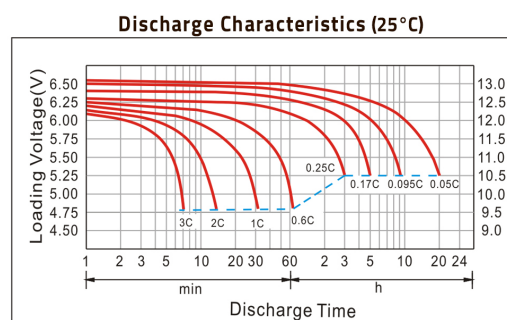


PQ1218ST3 (12V 18Ah)



Specifications		PQ1218ST3
Nominal Voltage		12V
Rated Capacity		18.0Ah
Dimensions (mm)	Length	181
	Width	77
	Height	166
	Total Height	166
Approx. Weight (kg)		4.9
Terminal		T3

Characteristics		
Capacity 25°C	20HR (0.90A)	18.0Ah
	10HR (1.67A)	16.7Ah
	5HR (3.06A)	15.3Ah
	1HR (11.0A)	11.0Ah
	15 min rate (33.3A)	8.3Ah
Impedance	Fully charged battery	Approx.
	25°C	18mΩ
Temperature dependence of capacity (20HR)	40°C	102%
	25°C	100%
	0°C	85%
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		270A (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: 5.4A
	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	68,4	43,2	33,3	18,0	11,39	6,43	4,69	3,17	2,11	1,73	0,93
1.70V/cell	65,0	41,0	31,8	17,2	10,98	6,17	4,59	3,11	2,09	1,71	0,92
1.75V/cell	63,7	40,1	31,2	16,8	10,78	6,07	4,50	3,06	2,05	1,67	0,91
1.80V/cell	62,5	39,2	30,7	16,5	10,60	5,96	4,43	3,01	2,03	1,66	0,90

Constant Wattage Discharge Characteristics (W), (25°C)											
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	124,2	79,1	61,61	33,61	21,46	12,20	9,00	6,12	4,12	3,40	1,84
1.67V/cell	119,2	76,0	59,36	32,40	20,86	11,83	8,87	6,07	4,10	3,38	1,83
1.70V/cell	117,9	74,9	58,82	32,00	20,66	11,74	8,78	6,01	4,07	3,35	1,82
1.75V/cell	116,6	74,0	58,28	31,68	20,50	11,61	8,71	5,96	4,03	3,31	1,80