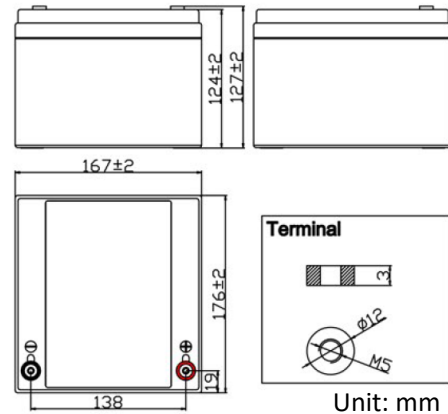


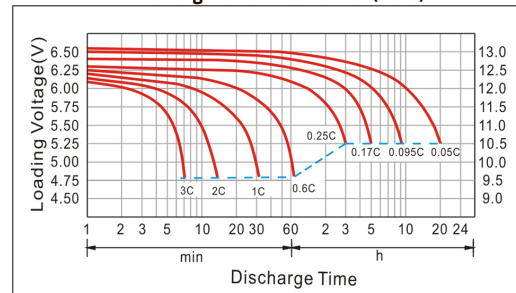
PQ1225ST10 (12V 25Ah)



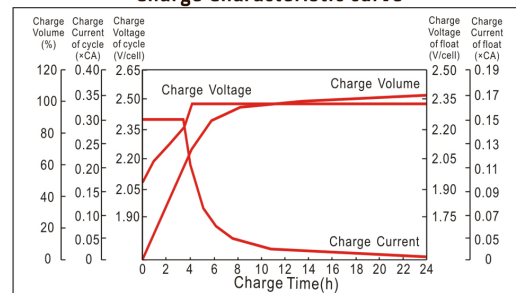
Specifications		PQ1225ST10
Nominal Voltage		12V
Rated Capacity		25.0Ah
Dimensions (mm)	Length	167
	Width	176
	Height	124
	Total Height	127
Approx. Weight (kg)		7.4
Terminal		T10

Characteristics		
Capacity 25°C	20HR (1.263A)	25.2Ah
	10HR (2.413A)	24.1Ah
	5HR (4.313A)	21.5Ah
	1HR (15.28A)	15.2Ah
	15 min rate (45.24A)	11.3Ah
Impedance	Fully charged battery	Approx. 12mΩ
	25°C	
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)		375A (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: 7.5A
	Float	13.6~13.8V(-18mV/°C)

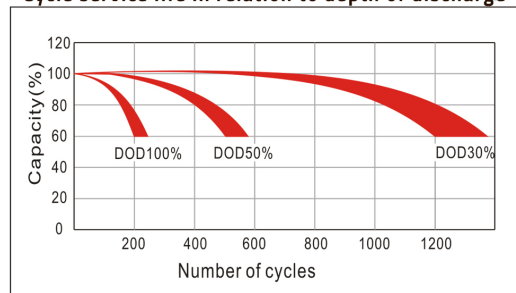
Discharge Characteristics (25°C)



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	98,63	64,63	48,13	25,63	16,25	9,155	6,538	4,410	2,920	2,500	1,338	
1.70V/cell	89,50	59,88	45,38	24,88	15,89	9,013	6,375	4,345	2,875	2,438	1,290	
1.75V/cell	80,38	56,13	42,88	24,13	15,69	8,938	6,313	4,313	2,850	2,413	1,263	
1.80V/cell	72,13	52,50	40,38	23,38	15,46	8,863	6,238	4,263	2,813	2,375	1,213	

Constant Wattage Discharge Characteristics (W), (25°C)											
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	178,3	117,9	88,63	48,90	32,23	18,16	13,03	8,798	5,825	4,992	2,675
1.70V/cell	164,8	111,3	85,08	47,88	31,64	17,95	12,73	8,676	5,740	4,875	2,584
1.75V/cell	150,0	106,2	81,11	46,84	31,27	17,82	12,61	8,618	5,695	4,829	2,536
1.80V/cell	135,8	100,2	77,05	45,78	30,85	17,68	12,48	8,525	5,625	4,754	2,435