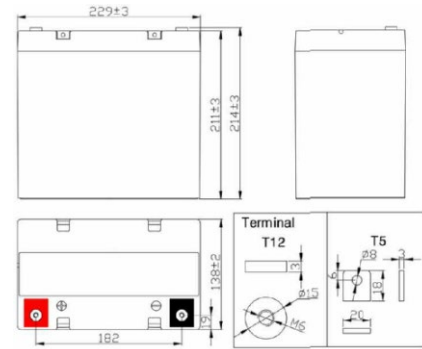
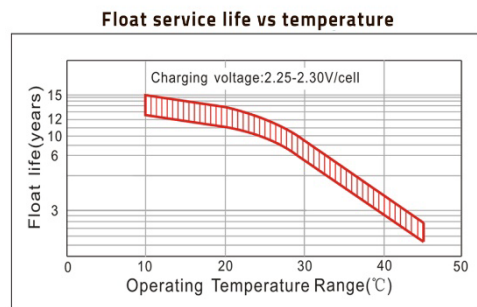
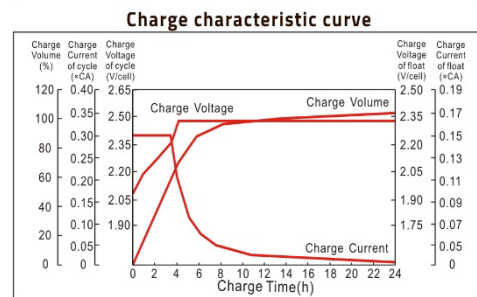
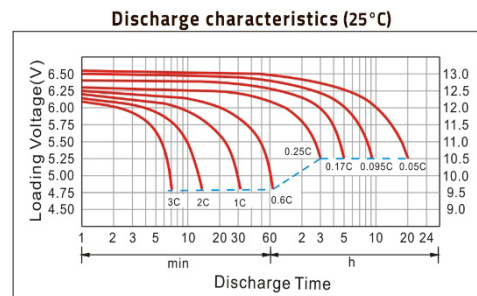


PQC1255ST12/T5 (12V 55Ah)



Specifications		PQC1255ST12/T5
Nominal Voltage		12V
Rated Capacity (25°C), (20HR)		55Ah
Dimensions (mm)	Length	229 ± 3 mm
	Width	138 ± 2 mm
	Height	211 ± 3 mm
	Total Height T12	214 ± 3 mm
	Total Height T5	229 ± 3 mm
Approx. Weight (kg)		16.5 kg
Terminal		T12/T5



Characteristics		
Capacity (25°C)	20HR (2.998A to 10.8 volts)	58.9Ah
	10HR (5.610A to 10.8 volts)	55.5Ah
	5HR (9.625A to 10.8 volts)	47.5Ah
	1HR (32.82A to 10.5 volts)	34.8Ah
Impedance	Fully charged battery (25°C)	Approx. 8mΩ
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)		440A(5s)
Service life acc. to EUROBAT (25°C)		10 years
Constant voltage charge (25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 45A
	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	184.3	118.3	96.25	61.88	35.75	21.37	14.78	9.917	6.831	5.775	3.168
1.70V/cell	162.3	107.3	92.13	60.23	35.26	21.09	14.60	9.801	6.721	5.665	3.058
1.75V/cell	145.8	99.00	87.18	58.58	34.82	20.82	14.44	9.653	6.655	5.610	3.003
1.80V/cell	126.5	89.65	81.68	56.32	34.10	20.53	14.16	9.510	6.556	5.555	2.948

Constant Wattage Discharge Characteristics (W), (25°C)											
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	317.8	210.9	181.2	115.5	68.52	41.67	29.32	19.72	13.59	11.50	6.331
1.70V/cell	286.6	194.8	174.7	113.4	67.87	41.31	29.03	19.54	13.41	11.31	6.116
1.75V/cell	261.1	195.0	168.1	111.3	67.31	40.94	28.78	19.29	13.31	11.22	6.006
1.80V/cell	229.8	180.2	159.3	107.9	66.21	40.72	28.30	19.02	13.11	11.11	5.896