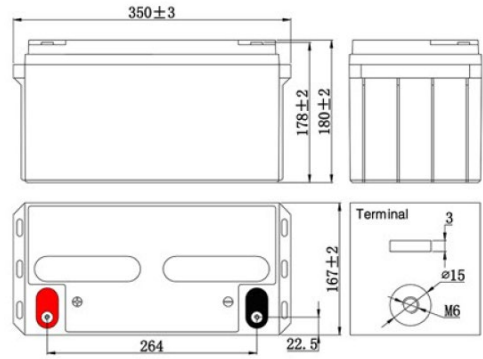
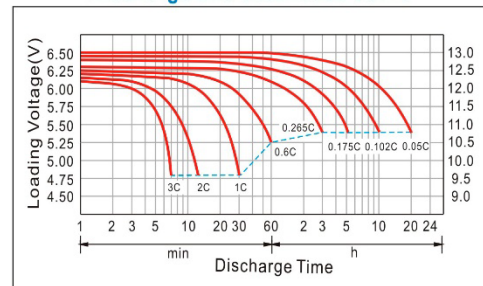


PQC1265ST12 (12V 65Ah)

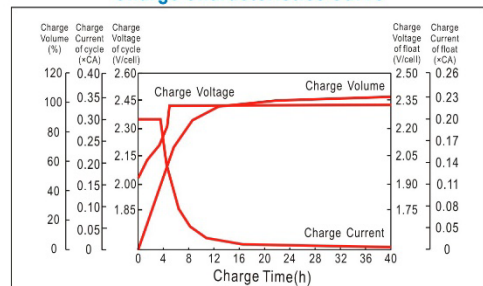


Specifications		PQC1265ST12
Nominal Voltage		12V
Rated Capacity (25°C), (20HR)		65Ah
Dimensions (mm)	Length	350
	Width	167
	Height	180
	Total Height T12	180
	Total Height T5	229
Approx. Weight (kg)		21 kg
Terminal		T12

Discharge Characteristics Curve

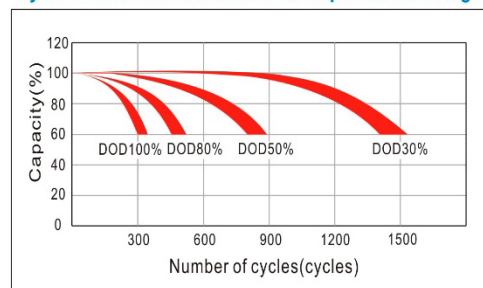


Charge Characteristics Curve



Characteristics		
Capacity (25°C)	20HR (3.543A)	58.9Ah
	10HR (6.630A)	55.5Ah
	5HR (11.38A)	47.5Ah
	1HR (41.15A)	34.8Ah
	Fully charged battery (25°C)	Approx. 6.5mΩ
Impedance	Fully charged battery (25°C)	
	Approx. 6.5mΩ	
	Temperature dependence of capacity (20HR)	
	40°C: 107%	
25°C: 100%		
0°C: 76%		
-15°C: 56%		
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		520A(5s)
Expected cycle life (@ DOD 80%)		450
Constant voltage charge (25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 0.3CA
	Float	13.5~13.8V(-18mV/°C) max. current: 0.2CA

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	221.0	147.2	117.9	73.13	42.25	25.25	17.94	12.01	8.073	6.890	3.770
1.70V/cell	198.3	135.5	112.1	71.18	41.67	24.93	17.62	11.73	7.943	6.793	3.673
1.75V/cell	178.8	125.1	106.9	69.23	41.15	24.60	17.42	11.55	7.865	6.728	3.608
1.80V/cell	159.3	114.1	100.4	66.56	40.30	24.26	17.23	11.38	7.748	6.630	3.543

Constant Wattage Discharge Characteristics (W/cell), (25°C)											
F.V/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H
1.60V/cell	381.2	262.6	214.2	136.5	80.98	49.24	35.58	23.88	16.07	13.72	7.534
1.70V/cell	350.2	246.2	206.5	134.0	80.21	48.82	35.02	23.37	15.85	13.56	7.345
1.75V/cell	320.3	230.4	198.7	131.5	79.55	48.38	34.72	23.08	15.73	13.46	7.215
1.80V/cell	289.3	212.9	188.3	127.6	78.25	48.12	34.42	22.75	15.50	13.26	7.085