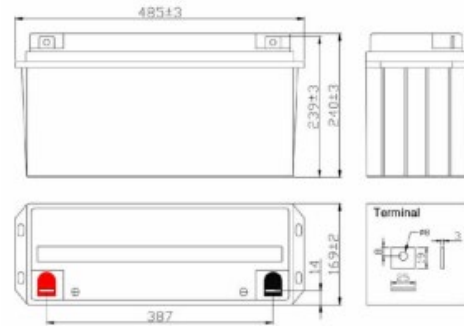


PQC12150T9 (12V 150Ah)

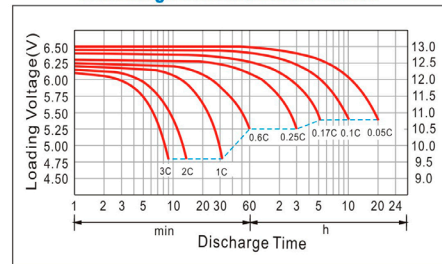


Unit: mm

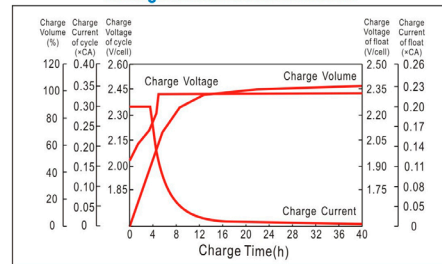
Specifications		PQC12150T9
Nominal Voltage		12V
Rated Capacity		150Ah
Dimensions (mm)	Length	485
	Width	169
	Height	240
	Total Height	240
Approx. Weight (kg)		43.5
Terminal		T9

Characteristics		
Capacity 25°C	20HR (8.175A)	163.5Ah
	10HR (15.30A)	153.0Ah
	5HR (26.25A)	131.2Ah
	1HR (94.95A)	94.9Ah
Impedance	Fully charged battery	Approx.
	25°C	4 mΩ
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)		1200A (5s)
Expected cycle life (@ DOD 80%)		450
Constant voltage charge (25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current: 1200A
	Float	13.6~13.8V(-18mV/°C)

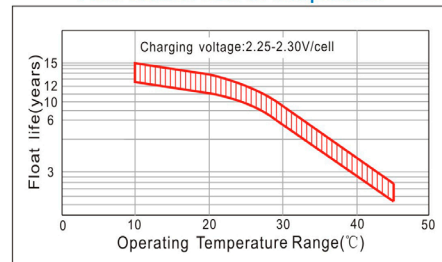
Discharge Characteristics Curve



Charge Characteristics Curve



Float Service Life VS Temperature



Constant Current Discharge Characteristics (A), (25°C)												
FV/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H	
1.60V/cell	510.0	339.8	272.1	168.8	97.50	58.28	41.40	27.72	18.63	15.90	8.700	
1.70V/cell	457.5	312.8	258.8	164.3	96.15	57.53	40.65	27.06	18.33	15.68	8.475	
1.75V/cell	412.5	288.8	246.8	159.8	94.95	56.78	40.20	26.66	18.15	15.53	8.325	
1.80V/cell	367.5	263.3	231.8	153.6	93.00	56.00	39.75	26.25	17.88	15.30	8.175	

Constant Wattage Discharge Characteristics (W), (25°C)												
FV/TIME	5min	10min	15min	30min	60min	2H	3H	5H	8H	10H	20H	
1.60V/cell	879.8	605.9	494.3	315.0	186.9	113.6	82.11	55.12	37.07	31.67	17.39	
1.70V/cell	808.3	568.2	476.5	309.3	185.1	112.7	80.83	53.94	36.57	31.30	16.95	
1.75V/cell	739.1	531.8	458.5	303.5	183.6	111.7	80.13	53.27	36.30	31.05	16.65	
1.80V/cell	667.6	491.4	434.5	294.4	180.6	111.1	79.43	52.50	35.76	30.60	16.35	