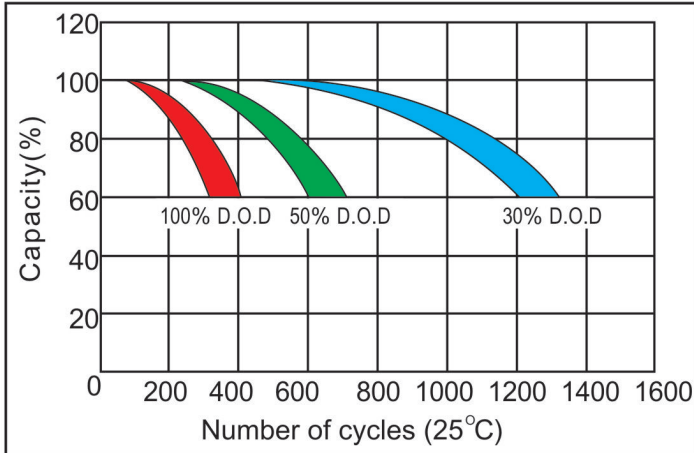


MODEL: PR220-12



Cycle service life in relation to the depth of discharge

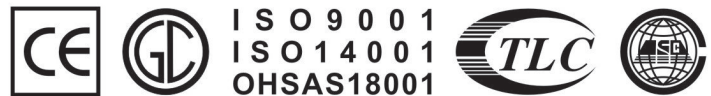
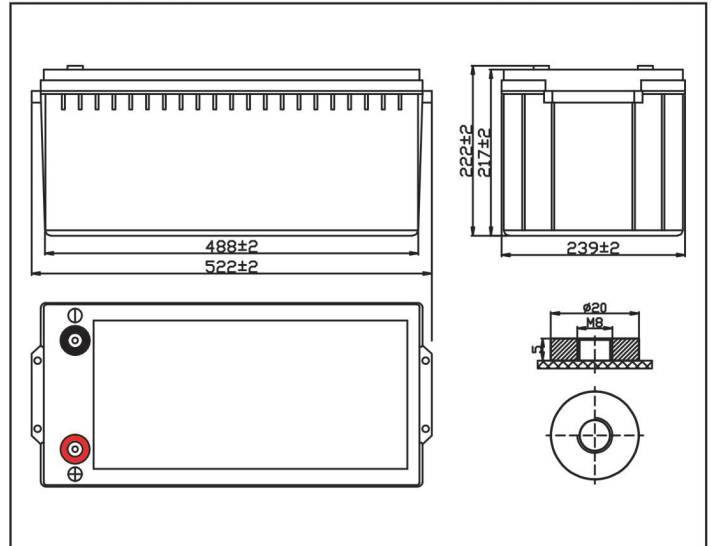


Parameter Chart:

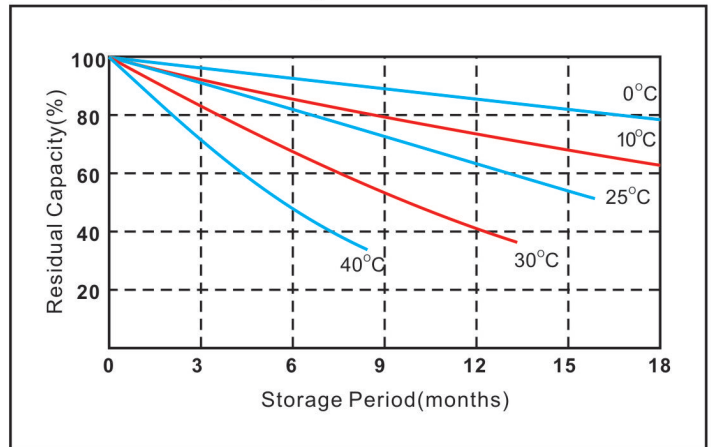
Volts		12V	
Capacity(25°C)	10 hours rate (22A)	220Ah	
Discharge Current Testing (25°C)	1 hours rate (121A)	122Ah	
	3 hours rate (55A)	165Ah	
Internal Resistance	Full Charged Battery 25°C	2.9mΩ	
Capacity Affected By Temperature	40°C	104%	
	25°C	100%	
	0°C	83%	
	-15°C	65%	
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%	
	Capacity After 6 Months Storage	82%	
	Capacity After 12 Months Storage	65%	
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 66A Voltage 14.5~14.9V	
	Float (25°C)	Charge Voltage 13.6~13.8V	
Weight (Approx)		66. 1Kg	

Plane Chart:

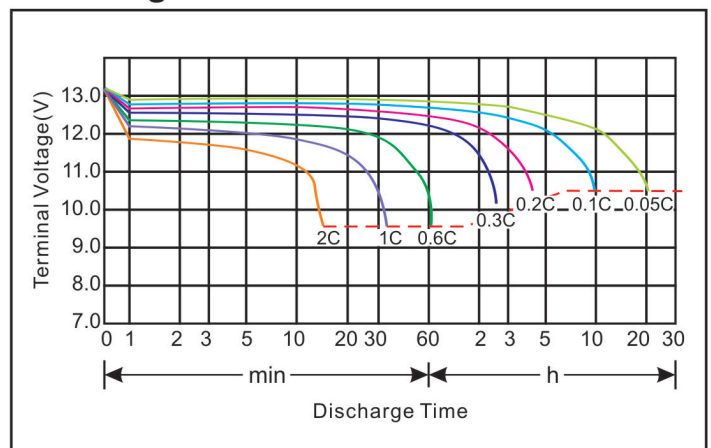
Unit:(mm) Terminal type:(T3)



Residual Capacity



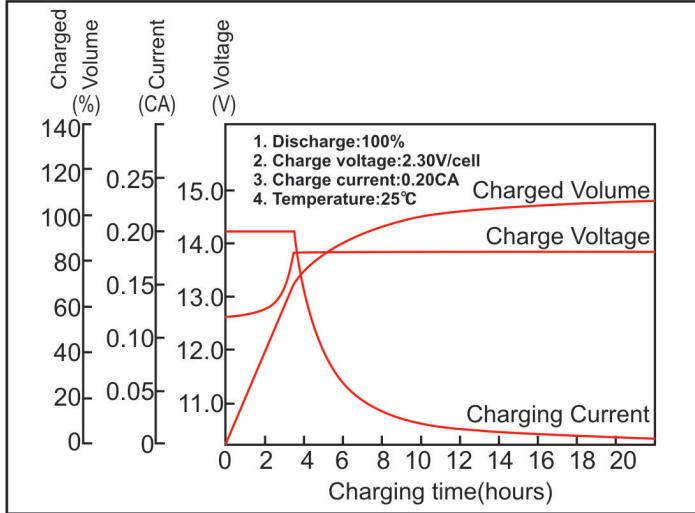
Discharge Current 25°C



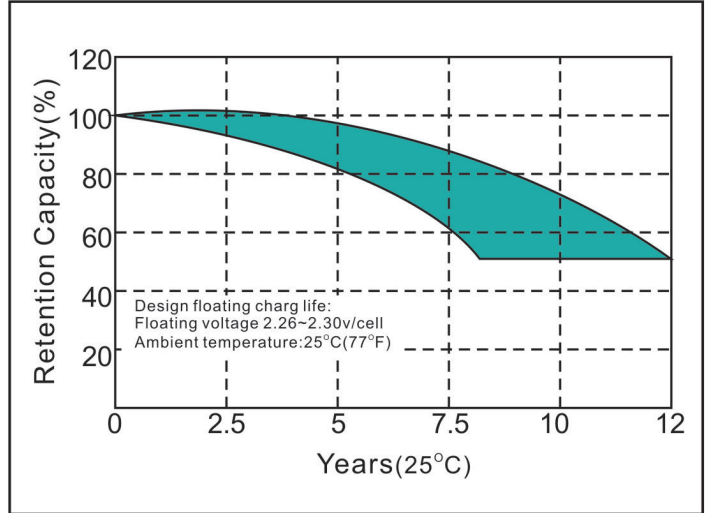
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

MODEL: PR220-12

Constant voltage charging characteristics



Float Life



Constant Current Discharge Characteristics(A,25°C)

F.V/Time	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	399.3	226.6	140.3	78.9	59.4	45.1	41.2	26.5	22.2	11.3
10.2V	383.1	218.0	134.9	77.7	57.7	44.6	39.9	26.2	22.1	11.2
10.5V	375.5	212.6	131.7	77.0	57.3	44.2	39.6	26.1	22.0	11.1
10.8V	363.7	207.2	128.4	76.1	56.5	42.9	39.2	25.8	21.9	11.0

Constant Power Discharge Characteristic(Watt,25°C)

F.V/Time	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	4384.4	2542.4	1599.2	912.9	689.5	530.9	479.1	313.6	263.5	135.0
10.2V	4208.5	2440.9	1537.7	898.9	678.8	524.4	471.6	311.5	262.3	133.9
10.5V	4123.2	2384.8	1499.9	891.3	673.4	520.1	467.3	310.4	261.4	132.9
10.8V	3998.1	2319.0	1458.9	880.5	665.8	505.0	462.9	306.0	261.0	132.1

Capacity Factors With Different Temperature

Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Battery	12V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.