

Long WP4.5-12



Nominal Voltage (V)	12
Nominal Capacity for 20hr rate (Ah)	4.5
Nominal Capacity for 10hr rate (Ah)	4.5
Weight (g)	1828
Dimensions (mm)	90 x 70 x 107 (L x W x H)
Charging Current (A)	1.35
Internal Resistance (ohms)	0.037

Long Battery Characteristic Graphs

[Capacity Retention Characteristic](#) - Remaining maximum battery power after a certain time

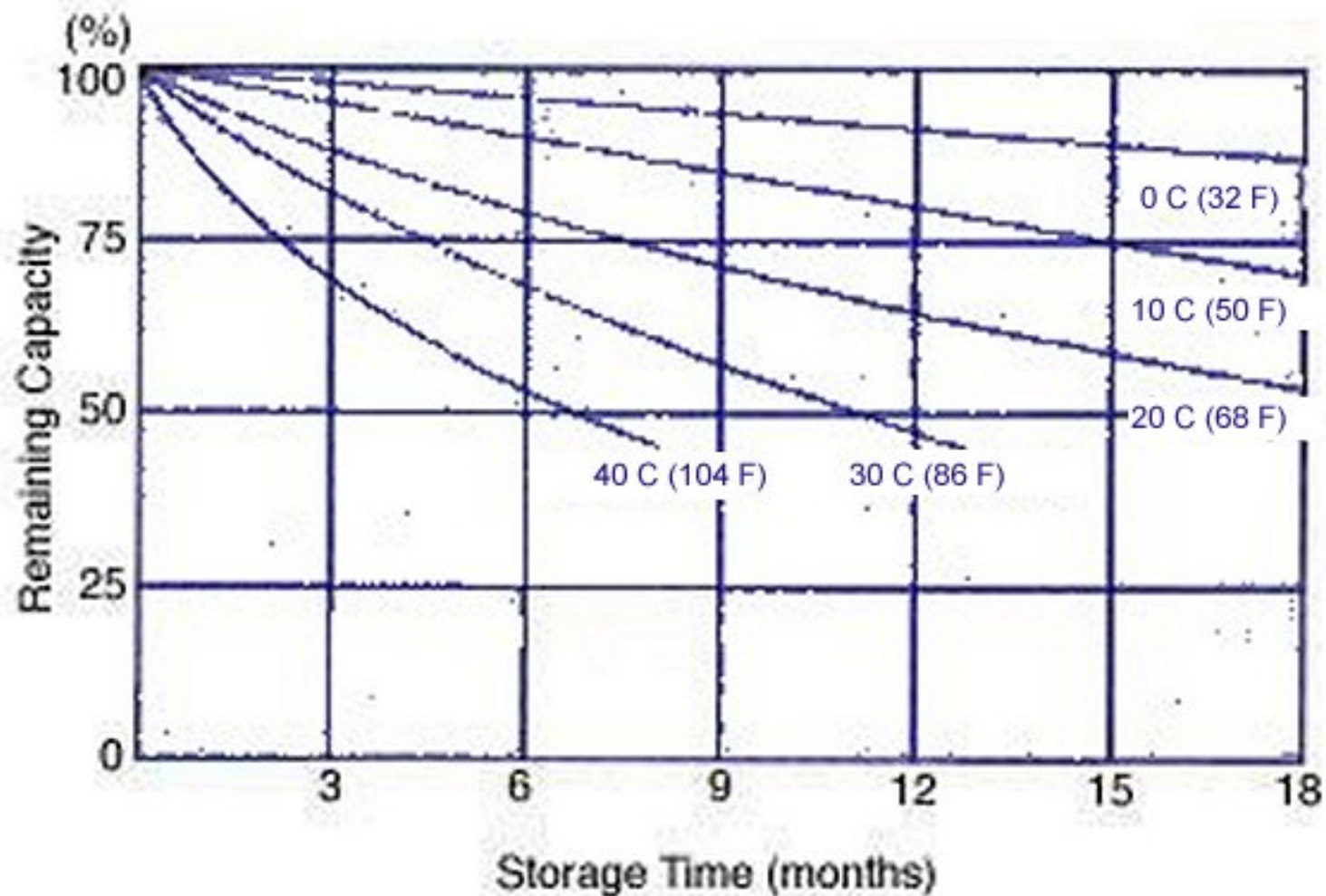
[Cycle Service Life](#) - Maximum battery power after a given number of discharges

[Discharge Time Vs. Discharge Current \(25C\)](#) - Discharge time relating to number of volts in a battery

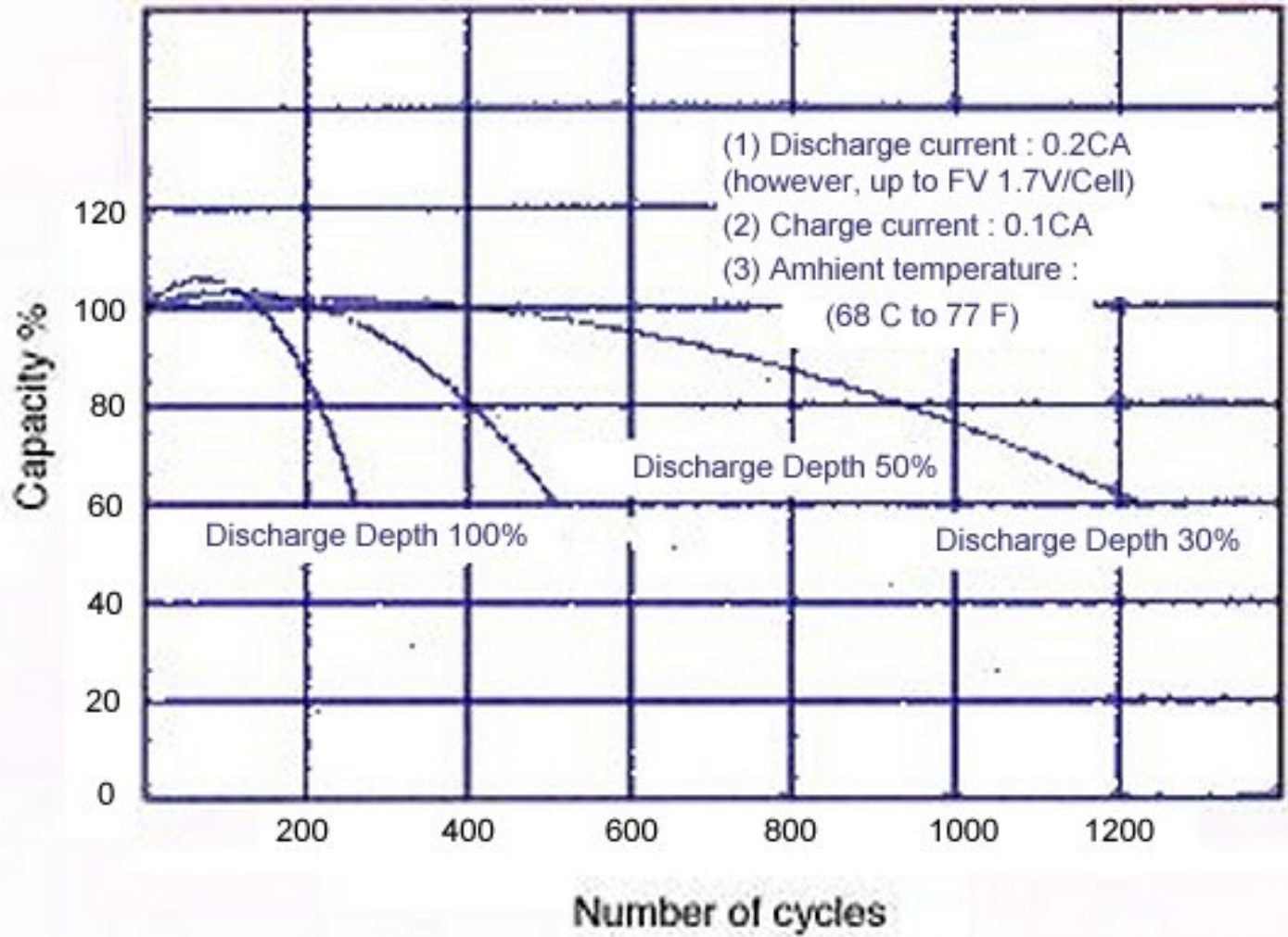
[Effect on Temperature Capacity](#) - Total battery power at a certain temperature

[Trickle \(Float\) Service Life](#) - The life of a battery holding at given temperatures

Capacity Retention Characteristic

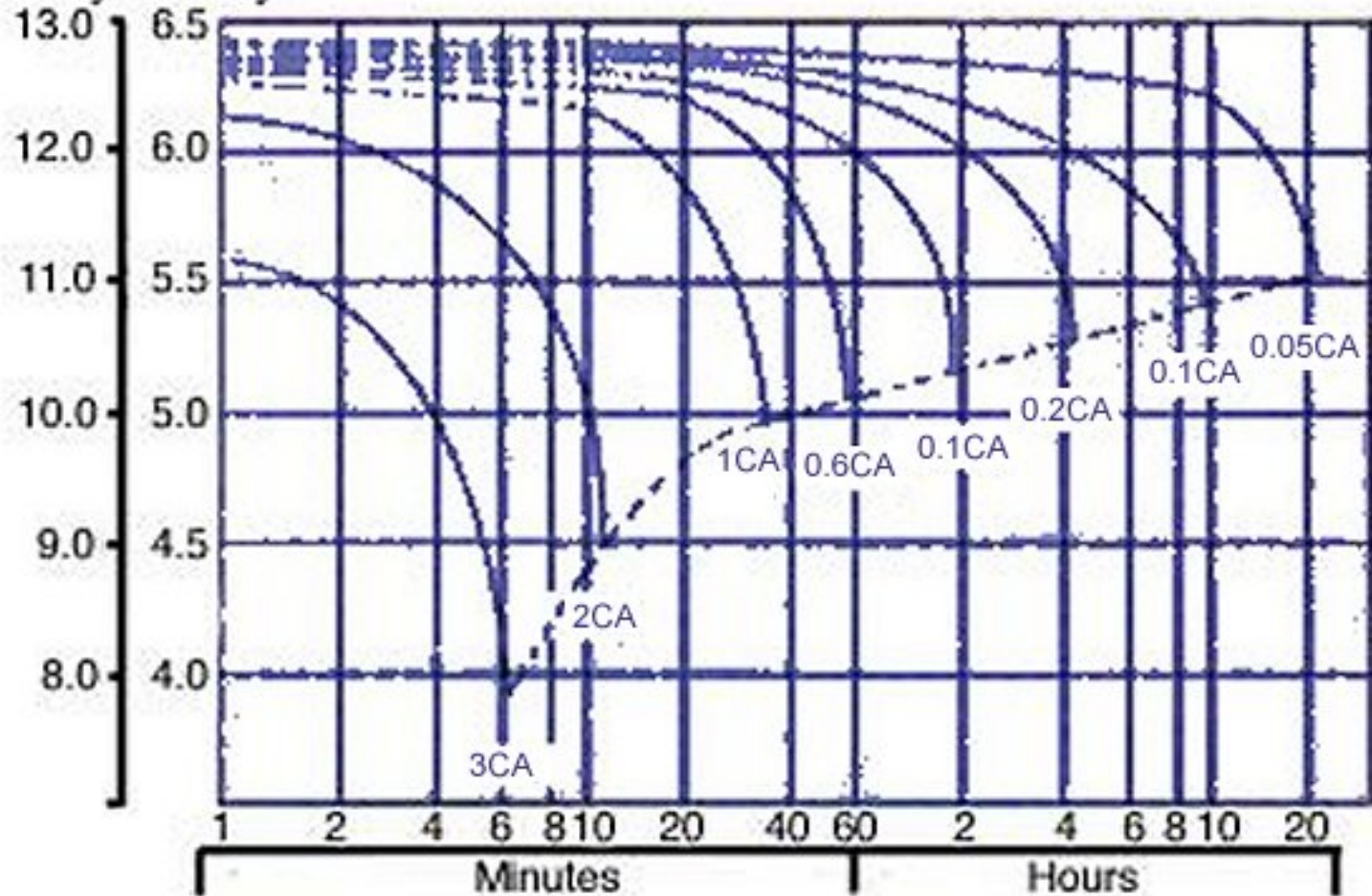


Cycle Service Life



Discharge Time vs. Discharge Current (25C)

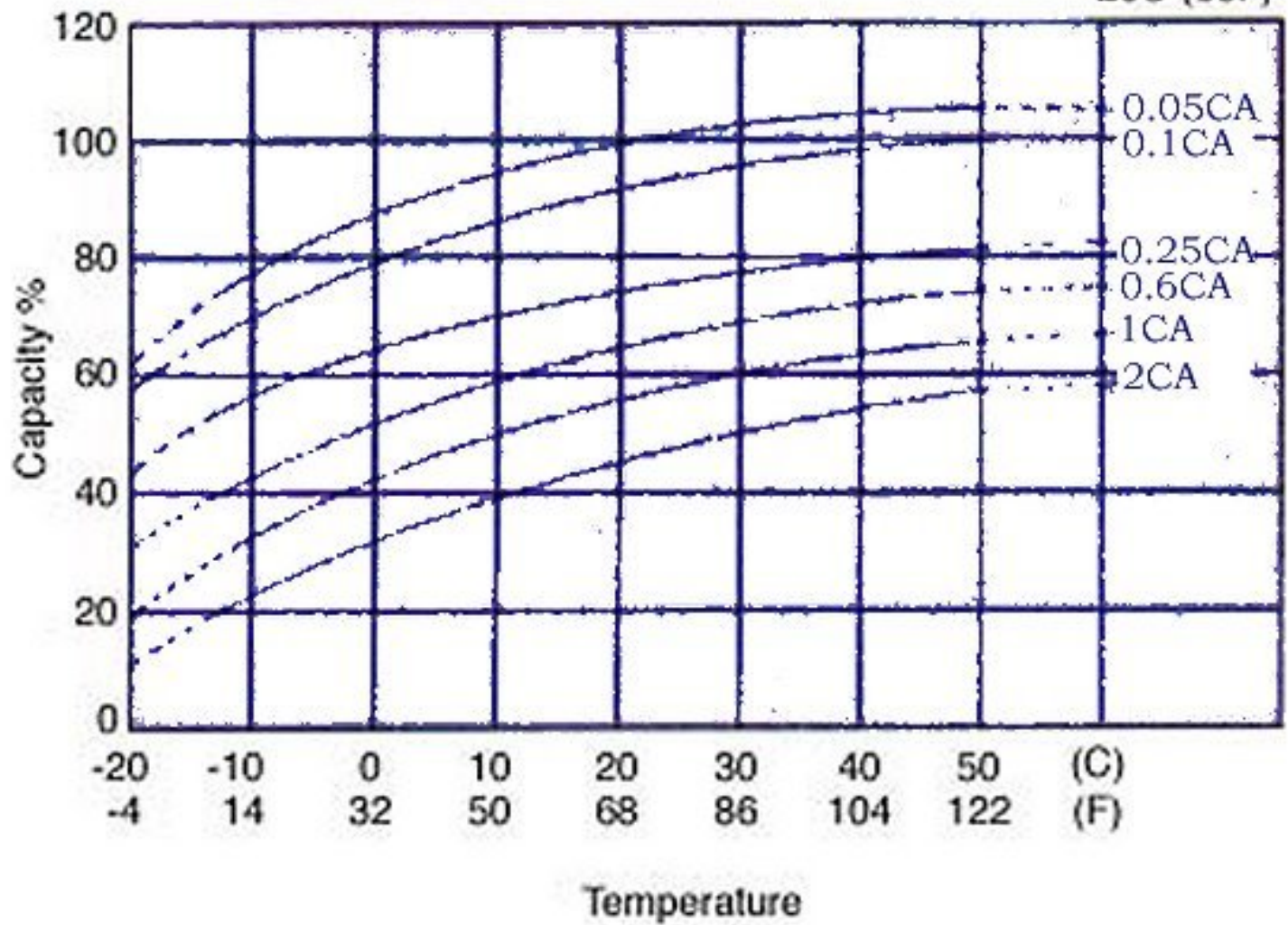
(V) for 12V Battery
(V) for 6V Battery



Discharge Time

Effect of Temperature on Capacity

20C (68F)



Trickle (Float) Service Life

