

Battery University

<https://batteryuniversity.com/>

Charging lead acid batteries

https://batteryuniversity.com/learn/article/charging_the_lead_acid_battery

How to Charge and When to Charge?

https://batteryuniversity.com/learn/article/how_to_charge_when_to_charge_table

Lead Acid Battery State of Charge

After 3 hour rest

State of Charge	12 Volt battery	Volts per Cell
100%	12.7	2.12
90%	12.5	2.08
80%	12.42	2.07
70%	12.32	2.05
60%	12.2	2.03
50%	12.06	2.01
40%	11.9	1.98
30%	11.75	1.96
20%	11.58	1.93
10%	11.31	1.89
0	10.5	1.75