TYPICAL AGM BATTERY STATE-OF-CHARGE

Open-circuit voltage at rest, with no charging or load

SOC	V open circuit 12-V battery	V open circuit 24-V bank	V open circuit 48-V bank
100%	12.84	25.68	51.36
90%	12.72	25.44	50.88
80%	12.60	25.20	50.40
70%	12.48	24.96	49.92
60%	12.36	24.72	49.44
50%	12.24	24.48	48.96
40%	12.12	24.24	48.48
30%	12.00	24.00	48.00
20%	11.88	23.76	47.52
10%	11.76	23.52	47.04

Based on published Trojan AGM battery data. Intermediate 10% values are interpolated.

Readings vary by manufacturer, temperature, age, and condition. Use manufacturer specifications when available.

Typical values at 77–80°F after 6–24 hours at rest.

At 67–70°F, resting voltage may read about 0.01V lower per 12V battery.
This small difference usually does not materially change the state-of-charge estimate.

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