



Specifications

AGM Battery 12 V – 80 Ah

05-02-2025

ARTICLE NUMBER

40290061

AGM Battery 12 V - 80 Ah

TECHNICAL SPECIFICATIONS

Length x width x height

350 x 167 x 180 mm (13.8" x 6.6" x 7.1" inch)

Weight ± 10%

24.0 kg (52.9 lb.)

Nominal capacity

80 Ah

C10* or C20

C10

Nominal voltage

12,0 VDC

Terminal type

M6 rvs

Number of cells

6

CHARGE / DISCHARGE PARAMETERS

Constant charge voltage (IU, float)

13.60 .. 13.80 VDC at 25oC

Cyclic charge voltage (IUU, absorption)

14.25 .. 14.60 VDC at 25oC

Maximum recommended charge current (higher possible)

40 to 50% of nominal capacity

Temperature ratio

-4mv/cel/°C

Discharge voltage

1.75 VDC @ (A) ? 0.2°C • 1.70 VDC @ 0.2°C (A) ? 1.0°C

Full discharge (100% DOD)

1.65 VDC @ (A) ? 1.0°C

NOMINAL CAPACITY AT 25°C

Nominal 25°C

UP TO 1.75 VDC/CEL

20 hours discharge

85.3Ah

10 hours discharge

80.0 Ah

5 hours discharge

65.0 Ah

Peukeurt Coefficient

1.21<P<1.24

Usage at 25 A discharge

146 min

Self discharge

Less than 3% per month at 25°C

Storage time

AGM batteries can be stored for up to 6 months at 25°C, recommended to charge before use

BATTERY PARAMETERS

Inrush current at 25°C (5s)

800 A

Cyclic life at 80% discharge

400

Internal resistance (approx.)

5,5m ?

