



Specifications

AGM battery 12 V – 100 Ah

12-12-2024

ARTICLE NUMBER

40290031

AGM battery 12 V - 100 Ah

TECHNICAL SPECIFICATIONS

Length x width x height

328 x 172 x 222 mm (12.9" x 6.8" x 8.7" inch)

Weight $\pm 10\%$

30.0 kg (66.1 lb.)

Rated capacity

100 Ah

C10* or C20

C10

Nominal voltage

12,0 VCC

Terminal type

M8 Caravanas

Number of cells

6

CHARGE / DISCHARGE PARAMETERS

Constant load voltage (IU, buoyancy)

13.60 .. 13.80 VCC a 25oC

Cyclic charging voltage (INDNR, absorption)

14.25 .. 14.60 VCC a 25oC

Maximum recommended load current (highest possible)

40 to 50% of nominal capacity

Temperature ratio

-4mv/celda/°C

Discharge voltage

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

Full download (100% DOD)

1.65 VCC @ (A) ? 1.0°C

NOMINAL CAPACITY AT 25°C

25°C nominal

UP TO 1.75 VDC/CEL

20 hours of discharge

104.0 Ah

10 hours of discharge

100.0 Ah

5 hours of discharge

89.0 Ah

Peukeurt coefficient

1.21<P<1.24

Use at 25 A discharge

190 minutes

Auto discharge

Less than 3% per month at 25°C

Storage time

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

BATTERY PARAMETERS

Inrush current at 25°C (5s)

1000 A

Cyclic life at 80% discharge

400

Internal resistance (approx.)

5,0m ?

