



Specifications

GEL Battery 2 V – 440 Ah

17-06-2024

ARTICLE NUMBER

40290037

GEL Battery 2 V - 440 Ah

TECHNICAL SPECIFICATIONS

Length x width x height

145 x 206 x 506 mm (5.7" x 8.1" x 19.9" inch)

Weight +/- 10%

33.0 kg (72.8 lb.)

Nominal capacity (C10, cel 1.80 V, 20°C)

440 Ah

Nominal voltage

2 VDC

Terminal type

2xM8

CHARGE / DISCHARGE PARAMETERS

Bulk charge voltage (V/cel)

2.42 VDC at 20°C

Float voltage (V/cel)

2.25 VDC at 20°C

Initial charge current (A)

150 A

Temperature ratio

-4mv/cel/°C

Recommended discharge voltage for 10 hours discharge (V/cel)

1,80 VDC/cel

Recommended discharge voltage for 1 hour discharge (V/cel)

1,65 VDC/cel

NOMINAL CAPACITY AT 20°C

NOMINAL CAPACITY AT 20°C

UP TO 1.80 VDC/CE

10 hours discharge

440 Ah

5 hours discharge

370 Ah

1-hour discharge

184 Ah

Peukeurt Coefficient

1,21<P<1,23

Usage at 25 A discharge

15 h

Self discharge

Less than 3% per month at 20°C

Storage time

OpzV batteries can be stored for up to 6 months at 20°C, recommended to charge before use.

BATTERY PARAMETERS

Cyclic life at 80% discharge

1250

Internal resistance (approx.)

0,42m?