

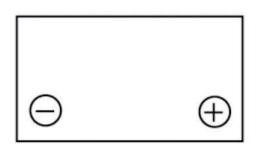
EMERGENCY BATTERY

B/12-24

Description

Maintenance-free rechargeable lead-acid battery.

Layout





SPECIFICATIONS

Nominal voltage (V) 12 20-hr rate Capacity to 10.5V at 20°C (Ah) 24 10-hr rate Capacity to 10.8V at 20°C (Ah) 22.3

DIMENSIONS AND MATERIALS

 Length (mm)
 166 (±1)

 Width (mm)
 175 (±1)

 Height over terminals (mm)
 125 (±2)

 Mass (kg)
 9

 Terminal type Female
 M5 (F)

 Nut (Nm)
 2.45

Material Standard ABS (UL94:HB)

OPERATING TEMPERATURE RANGE

Storage (in fully charged condition) $-20^{\circ}\text{C to } +60^{\circ}\text{C}$ Charge $-15^{\circ}\text{C to } +50^{\circ}\text{C}$ Discharge $-20^{\circ}\text{C to } +60^{\circ}\text{C}$

CHARGE VOLTAGE

Float charge voltage at 20°C (V)/Block 13.65 (\pm 1%) Float charge voltage at 20°C (V)/Cell 2.275 (\pm 1%) Float Chg voltage tmp correction factor

from std20°C (mV) -3

Cyclic (or Boost) charge Voltage at

2000 (V) (DI - -I.

20°C (V)/Block 14.5 (±3%)

Cyclic (or Boost) charge Voltage at

20°C (V)/Cell 2.42 (±3%)

Cyclic Chg voltage tmp correction factor from std20°C (mV)

Charge Current

Float charge current limit (A) No limit

Cyclic (or Boost) charge current limit (A) 6

Maximum Discharge Current

1 second (A) 500 1 minute (A) 150

Impedance

Measured at 1 kHz ($m\Omega$) 11

APPROVALS

EUROBAT Classification: Standard Commercial Yuasa design life at 20°C (yrs)

VdS (Germany) VdS No: G 182026

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3 to 5 years up to 5