

Yuasa Technical Data Sheet

Yuasa SWL2300 12V 80Ah - Yuasa SWL series AGM AGM VRLA high rate battery

Specifications

Nominal Voltage (V) 12 V

Dimensions

Length (mm) 261 (±3)
Width (mm) 168 (±2)
Height (mm) 224.5 (±1)
Weight (kg) 28.3

Terminal Type

Terminal Type M6 (F)
Torque (Nm) 4.8

Operating Temperature Range

Charge -15°C to +50°C
Discharge -15°C to +50°C

Case Material

Case Material ABS (UL94:HB)
Standard or FR Case Standard

Charge Voltage

Float charge voltage at 20°C /Block (±1%) 13.65
Float charge voltage at 20°C /Cell (±1%) 2.275
Cyclic (or Boost) charge Voltage at 20°C (V) 14.5
/Block (±3%)
Cyclic (or Boost) charge Voltage at 20°C (V) 2.42
/Cell (±3%)

Charge Current

Float charge current limit (A) 19.5
Cyclic (or Boost) charge current limit (A) 19.5

Short-Circuit Current & Internal Resistance

Short-Circuit current - according to EN IEC 60896-21 (A) 1857

Design Life & Approvals

EUROBAT Classification Long life: 10 to 12 years
Eurobat Life 10 to 12 years
Yuasa design life at 20°C (yrs) Up to 10 years



Certifications

ISO9001 Quality Management Systems
ISO14001 Quality Management Systems
UNDERWRITERS LABORATORIES Inc.



Safety

Installation

Can be installed and operated in orientations up to 90° from the upright position.

Handles

Batteries must not be suspended by their handles (where fitted).

Vent valves

Each cell is fitted with a low pressure release valve to allow gasses to escape and then reseal.

Gas release

VRLA batteries release hydrogen gas which can form explosive mixtures in the air. Do not place inside a sealed container.

Recycling

YUASA's VRLA batteries must be recycled at the end of life in accordance with local and national laws and regulations.



by **GS YUASA**

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