Data Sheet

SWL-Series - Valve Regulated Lead Acid Battery SWL4250 (FR)

140 140		\/
10-min rate Constant Power to 1.6V/cell at 20°C 10-hr rate Capacity to 10.8V at 20°C 1140 DIMENSIONS Length 341 (at 20°C DIMENSIONS DIVERSITY DIVERSI		V
140 140		Watts
DIMENSIONS		Watts
Length)	Ah
Width		
Height (height over terminals)	•	mm
(height over terminals) N/A Mass (typical) 49 TERMINAL TYPE Female threaded terminal M8 Torque 6 OPERATING TEMPERATURE RANGE Storage (in fully charged condition) Charge Discharge Discharge STORAGE Capacity loss per month at 20°C (approx) 3 CASE MATERIAL Standard Option Flame retardant option (FR) CHARGE VOLTAGE Float charge voltage at 20°C 13.65 (± Cyclic (or Boost) charge at 20°C 14.5 (± Cyclic (or Boost) charge at 20°C 14.5 (± Cyclic Charge voltage temperature correction factor (for variations from the standard 20°C) 4 CHARGE CURRENT 4 Float charge current limit No lin Cyclic (or Boost) charge current limit No lin Cyclic (or Boost) charge current limit No lin Cyclic (or Boost) charge current limit No lin MAXIMUM DISCHARGE CURRENT 1 1 second 840 1 minute 420 SHORT-CIRCUIT CURRENT & INTERNAL RESISTANCE (accordin		mm
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EUROBAT Classification: High Performance 10 to		
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\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		years
Yuasa design life (at 20°C) up to PERFORMANCE & CHARACTERISTICS	10	years

SAFETY
Installation

Can be installed and operated in any orientation except permanently inverted

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.

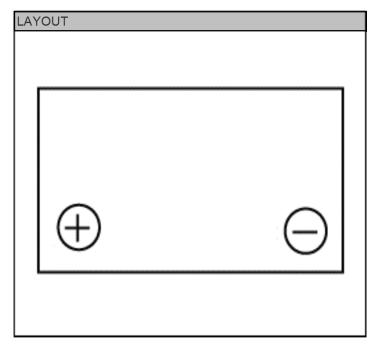
Gas Release

VRLA Batteries release hydrogen gas which can form explosive mixtures in 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





3RD PARTY CERTIFICATIONS

ISO 9001 - Quality Management Systems
ISO 14001 - Environmental Management Systems
EN 18001 - OHSAS Management Systems
TL4423-6 by DeTelmmobilien
UNDERWRITERS LABORATORIES Inc.



STANDARDS

IEC61056 IEC60896-21/22







ALL DATA IS SUBJECT TO CHANGE WITHOUT NOTICE Issue No.: V.1 / Issue Date: June 2012

