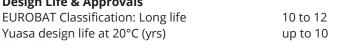
# Yuasa Technical Data Sheet

### Yuasa FXH140-12IFR Industrial VRLA Battery

<b>Specifications</b> Nominal voltage (V) 20-hr rate Capacity to 10.5V at 20°C (Ah) 10-hr rate Capacity to 10.8V at 20°C (Ah)	12 164.6 154
Dimensions Length (mm) Width (mm) Height (mm) Mass (kg)	556 123 295 51
<b>Terminal Type</b> Threaded terminal - (M=Male or F=Female) Torque (Nm)	M8 (F) 3.9-5.4
<b>Operating Temperature Range</b> Storage (in fully charged condition) Charge Discharge	-15°C to +45°C -15°C to +45°C -15°C to +45°C
<b>Storage</b> Capacity loss per month at 20°C (% approx.)	3
Case Material Standard	ABS (UL94:V0)
<b>Charge Voltage</b> Float charge voltage at 20°C (V)/Block Float charge voltage at 20°C (V)/Cell Float Chg voltage tmp correction factor from std 20°C (mV)	13.65 (±1%) 2.275 (±1%) -3
Cyclic (or Boost) charge Voltage at 20°C (V)/Block Cyclic (or Boost) charge Voltage at 20°C (V)/Cell Cyclic Chg voltage tmp correction factor from std 20°C (mV)	14.52 (±3%) 2.42 (±3%) -4
<b>Charge Current</b> Float charge current limit (A) Cyclic (or Boost) charge current limit (A)	16.46 16.46
<b>Maximum Discharge Current</b> 1 second (A) 1 minute (A)	540 465
<b>Impedance</b> Measured at 1 kHz (mΩ)	2.7
Design Life & Approvals	10 to 12







# 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 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.



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