

# Yuasa Technical Data Sheet



## Yuasa NP3-6 Industrial VRLA Battery

### Specifications

Nominal voltage (V) 6

### Dimensions

Length (mm) 134 (±1)  
Width (mm) 34 (±1)  
Height over terminals (mm) 64 (±2)  
Mass (kg) 0.66

### Terminal Type

FASTON - Quickfit / release (JST where stated) 4.7/6.35

### Operating Temperature Range

Storage (in fully charged condition) -20°C to +60°C  
Charge -15°C to +50°C  
Discharge -20°C to +60°C

### Storage

Capacity loss per month at 20°C (% approx.) 3

### Case Material

Standard ABS (UL94:HB)  
FR version available UL94:V0

### Charge Voltage

Float charge voltage at 20°C (V)/Block 6.825 (±1%)  
Float charge voltage at 20°C (V)/Cell 2.275 (±1%)  
Float Chg voltage tmp correction factor from std 20°C (mV) -3  
Cyclic (or Boost) charge Voltage at 20°C (V)/Block 7.26 (±3%)  
Cyclic (or Boost) charge Voltage at 20°C (V)/Cell 2.42 (±3%)  
Cyclic Chg voltage tmp correction factor from std 20°C (mV) -4

### Charge Current

Float charge current limit (A) No limit

### Design Life & Approvals

EUROBAT Classification: Standard Commercial 3 to 5 years  
Yuasa design life at 20°C (yrs) up to 5



### Layout



### 3rd Party Certifications

ISO9001 - Quality Management Systems



## 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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