

Yuasa Technisches Datenblatt

Yuasa NP10-6 6V 10Ah - Yuasa NP Serie Bereitschafts- und zyklische VRLA-Batterie



Spezifikationen

Nennspannung (V)	6 V
10 m Rate konstante Leistung (typisch) bis 1,6 V/Zelle bei 20 °C (/Zelle)	35.93
20-Stunden-Rate Kapazität bis 1,75 V/Zelle bei 20 °C (Ah)	10
10-Stunden-Rate Kapazität bis 1,8 V /Zelle bei 20 °C (Ah)	9.25

Abmessungen

Länge (mm)	151 (±1)
Breite (mm)	50 (±1)
Höhe (mm)	97.5 (±1)

Gehäuseeigenschaften

Terminal-Typ	Faston - 4.75mm
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Betriebstemperaturbereich

Lagerung (im voll aufgeladenen Zustand)	-20°C to +60°C
Ladung	-15°C to +50°C
Entladung	-20°C to +60°C

Lagerung

Kapazitätsverlust pro Monat bei 20°C (% ca.)	3
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Gehäusematerial

Gehäusematerial	ABS (UL94:HB)
Standard- oder FR-Gehäuse	Standard

Ladespannung

Erhaltungsladespannung bei 20°C /Block (±1%)	6.825
Erhaltungsladespannung bei 20 °C /Zelle (±1%)	2.275
Float Chg Spannung tmp Korrekturfaktor ab std 20°C (mV)	-3
Zyklische (oder Boost-) Ladespannung bei 20 °C (V) /Block (±3%)	7.26
Zyklische (oder Boost-) Ladespannung bei 20 °C (V) /Zelle (±3%)	2.42
Zyklischer Korrekturfaktor der Chg-Spannung tmp ab std 20°C (mV)	-4

Ladestrom

Begrenzung des Erhaltungsladestroms (A)	2.5
Zyklische (oder Boost-) Ladestrombegrenzung (A)	2.5

Maximaler Entladestrom

Maximaler Entladestrom 1s (A)	300
Maximaler Entladestrom 1m (A)	48

Kurzschlussstrom & Innenwiderstand

Kurzschlussstrom - nach EN IEC 60896-21 (A)	300
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Impedanz

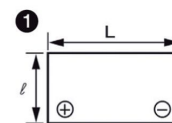
Innenwiderstand (mΩ)	8.0000
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Gebrauchsdauer und Zulassungen

EUROBAT-Klassifikation	Handelsüblich: 3 bis 5 Jahre
Eurobat-Klasse	3 bis 5 Jahre
Yuasa Lebensdauer bei 20°C	bis zu 5 Jahre
VdS (Deutschland)	VdS_No:_G_186010



Oversigt



Certifications

ISO9001 Quality Management Systeme
ISO14001 Quality Management Systeme
EN 18001 - OHSAS Management System
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**

www.yuasa.com

Yuasa Technical Data Sheet

Yuasa NP10-6 6V 10Ah - Yuasa NP Serie Bereitschafts- und zyklische VRLA-Batterie



Specifications

Nominal Voltage (V)	6 V
10m rate Constant Power (Typ) to 1.6V/cell at 20°C (/Cell)	35.93
20-hr rate Capacity to 1.75V /Cell at 20°C (Ah)	10
10-hr rate Capacity to 1.8V /Cell at 20°C (Ah)	9.25

Dimensions

Length (mm)	151 (±1)
Width (mm)	50 (±1)
Height (mm)	97.5 (±1)

Terminal Type

Terminal Type	Faston - 4.75mm
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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
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Case Material

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

Charge Voltage

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

Charge Current

Float charge current limit (A)	2.5
Cyclic (or Boost) charge current limit (A)	2.5

Maximum Discharge Current

Maximum discharge current 1s (A)	300
Maximum discharge current 1m (A)	48

Short-Circuit Current & Internal Resistance

Short-Circuit current - according to EN IEC 60896-21 (A)	300
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Impedance

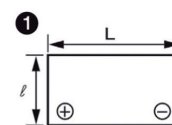
Internal resistance (mΩ)	8.0000
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Design Life & Approvals

EUROBAT Classification	Handelsüblich; 3 bis 5 Jahre
Eurobat Life	3 bis 5 Jahre
Yuasa design life at 20°C (yrs)	bis zu 5 Jahre
VdS (Germany)	VdS_No: _G_186010



Layout



Certifications

ISO9001 Quality Management Systems
ISO14001 Quality Management Systems
EN 18001 OHSAS Management Systems
UNDERWRITERS LABORATORIES Inc.



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