

Product Specification UXH200-6N

Yuasa UXH Series VRLA Battery, 10 Years Design Life

Yuasa UXH batteries are constructed to yield even greater capacity than comparable batteries. The UXH uses AGM technology which ensures that there is no 'free acid' in the battery. This allows the battery to be mounted either vertically or horizontally. An additional feature of this product is Yuasa's heavy duty lead calcium-tin alloy, providing the UXH battery the ability to remain in float service for 10 years.

- 10 Year Design Life
- High Energy Density
- · Gas Pressure Venting System
- No Equalising Charge Required

| General Performance | | |
|-------------------------|--------------------------|-------|
| Battery | UXH200-6N | |
| Application | Floating/Standby | |
| Design Life | 10 Years | |
| Nominal Capacity | 200Ah | |
| Actual Capacity at 25°C | 1 hour rate to 1.70 Vpc | 116Ah |
| | 3 hour rate to 1.80 Vpc | 150Ah |
| | 10 hour rate to 1.80 Vpc | 186Ah |
| | 20 hour rate to 1.80 Vpc | 200Ah |

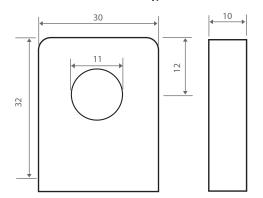


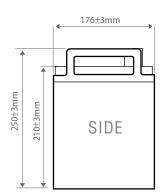
| Electrolyte | |
|------------------------------|---------------------|
| Fully charge density at 25°C | 1.300 |
| Density Range | 1.290-1.320 |
| Gelled/Absorbed | Absorbed |
| Mounting Orientation | Vertical/Horizontal |

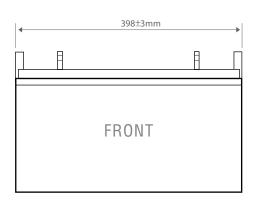
| Plates | |
|------------------|------------------------|
| Positive Plates: | |
| Number/cell | 14 |
| Туре | Flat Pasted |
| Material of grid | Lead-Calcium-Tin Alloy |
| Thickness | 3.8mm |
| Negative Plates: | |
| Number/cell | 15 |
| Туре | Flat Pasted |
| Material of grid | Lead-Calcium-Tin Alloy |
| Thickness | 2.1mm |



Terminal Type - M10







Century Yuasa believes that the data presented is generally accurate for the purpose for which it is presented, however expressly disclaims any representation of warranty expressed or implied, concerning the data or recommendations and in no event shall be liable for any loss or damage claimed to have arisen as a result of the use of this brochure.



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| Physical Properties | |
|----------------------------------|------------------------------------------|
| Separators | |
| Туре | Glass Mat |
| Is glass fibre included? | Yes |
| Thickness | 1.5mm |
| Lid & Container Materials | |
| Lid Material, Colour | Acrylonitrile Butadiene Styrene ABS/Blue |
| Container Material, Colour | Acrylonitrile Butadiene Styrene ABS/Grey |
| Flame Retardant | No |
| Safety Vent Operational Pressure | 20kPA |
| Flame Arrestor Filter Fitted | No |
| Dimensions: | |
| Overall Width | 398mm ± 3 |
| Depth | 176mm ± 3 |
| Height | 216mm ± 3 |
| Overall Height | 250mm ± 3 |
| Battery Weight (kg) Total (wet) | 39kg |

| _ ~ | |
|----------------------------------|------------------------------------------|
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| | |
| Electrical Properties | |
| Self Discharge Rate @ 25°C | <3% per month |
| Internal Resistance (mOHMS) | 1.3mO |

Internal Resistance (mOHMS) $1.3 \text{m}\Omega$ 20A Normal Charge (Amperes) 40A Max. Charge (Amperes) Max. Sustained Current 740A~(1min) without damage (discharging) Volts End of Charge 2.275 Vpc 20°C 25°C 30°C 2.275 Vpc Float Voltage (Vpc) 2.290 Vpc 2.260 Vpc pure floating applications Float Current (mA) ~200mA ~200mA ~200mA Initial Short circuit current (A) ~5200A

| Torque Setting | |
|-------------------------|------------------|
| Terminal Torque Setting | 14.7 - 19.6 N.m. |

>90%

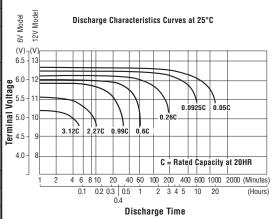
>78%

Efficiency at 10 hour rate (%): Ampere-Hour

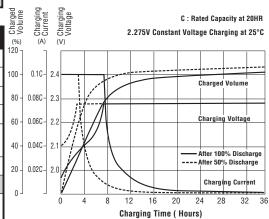
Watt-Hour

| Compliant Standard | |
|--------------------|-------------------|
| Battery Standard | JIS C8704-2: 1999 |

Discharge Characteristics



■ Charging Characteristics





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