



YUASA Valve Regulated Lead Acid Batteries

Cell Type	Nominal Voltage	Nominal Capacity 10-hour rate to 1.80V (Ah)	Cell Dimensions (mm)			Overall Height (mm)		Weight (kg)
			Length	Width	Height	L-type Terminal	Thread Terminal	
UXL220-2N	2	200	170	106	330	362	339	13.6
UXL330-2N	2	300	170	150	330	362	339	20.8
UXL440-2N	2	400	241	171	330	362	339	27.0
UXL550-2N	2	500	241	171	330	360	339	33.0
UXL660-2N	2	600	285	171	330	-	339	41.3
UXL880-2N	2	800	471	171	330	362	339	54.0
UXL1100-2N	2	1000	471	171	330	362	339	65.0
UXL1220-2N	2	1200	388	337	340	-	348	83.0
UXL1440-2N	2	1400	388	337	340	-	348	98.0
UXL1550-2N	2	1500	388	337	340	-	348	102
UXL1660-2N	2	1600	388	337	340	-	348	105
UXL1880-2N	2	1800	476	337	340	-	348	120
UXL2200-2N	2	2000	476	337	340	-	348	131
UXL2550-2N	2	2500	696	340	340	-	348	165
UXL3300-2N	2	3000	696	340	340	-	348	198

■ UXL Series Battery

The culmination of the GS YUASA's more than 100 years history of technical innovation has brought about the ultimate UXL series batteries which require virtually no more maintenance for the designed service life of 15 years. UXL series batteries are specifically designed to meet the growing demand for power supply for communication, various kinds of emergency power requirements and many other critical standby and cyclic applications to serve the rapid development of electrical and electronic equipment.



■ Features

- Safety**
 No electrolyte leakage will occur from terminals or case ensuring safe and efficient operation.
- Explosion Proof**
 A safety valve and a special filter prevent the chance of battery explosion and ensure complete safety in normal use.
- Gas Pressure Venting System**
 Designed to release excessive gas and reseal automatically in the event of internal gas pressure rises to a level above the normal rate.
- Long Design Life**
 The use of special lead-calcium alloy grids with anti-corrosive construction enables UXL series batteries to remain in excellent float service for 15+ years.
- Immobilized Acid**
 The special electrolyte retentive separators firmly hold the acid and thus there is no free acid inside the battery. The battery can therefore be installed in any position.
- Maintenance-free**
 No need to replenish with water, thanks to the unique gas recombination system which totally transforms the generated gas into water within the battery.
- Installation**
 Vertical and horizontal installations are both possible.
- Battery Casing**
 ABS to flammability rating UL94-HB or UL94-V0 are both available upon request.

Applications

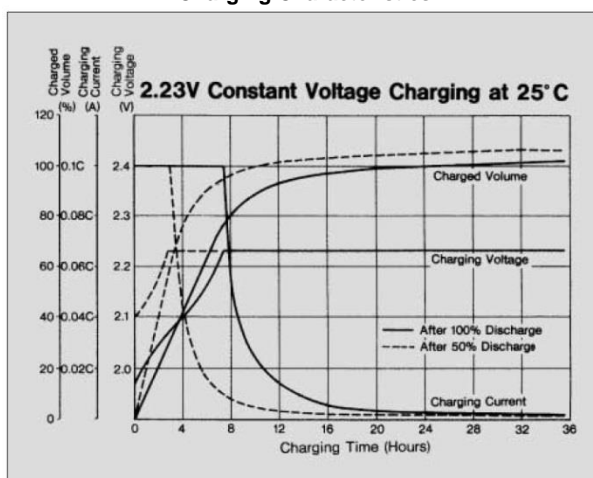
- UPS
- Telecommunications
- Alarm systems
- Fire & security systems
- Emergency lighting
- Engine starting
- Solar powered systems
- Utilities
- Rail
- etc.

General Characteristics

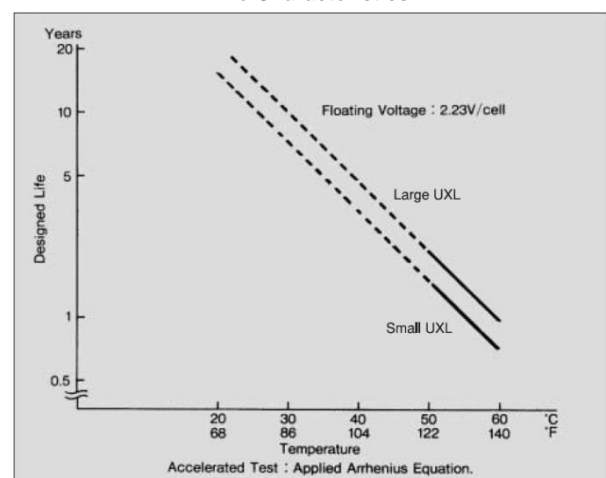
Charging & Operating

- **Float Charge Voltage at 25°C:**
2.23V per cell
- **Equalizing Charge Voltage:**
2.30V ~ 2.35V per cell (time controlled)
- **Operating Temperature Range:**
-15°C ~ 45°C
- **Tightening Torque for Connector Bolt (M10):**
14.7Nm ~ 19.6Nm

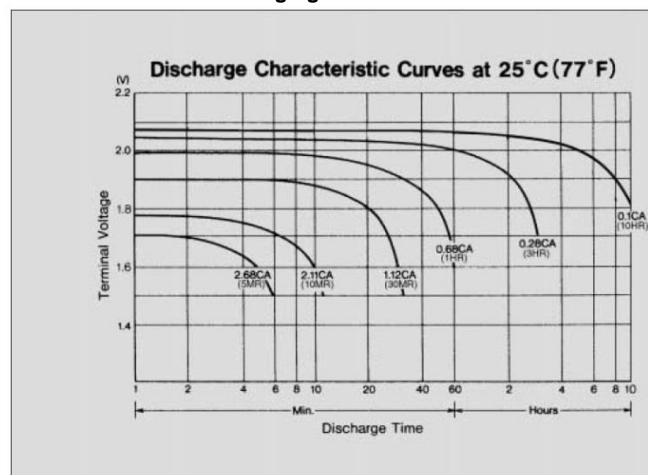
Charging Characteristics



Life Characteristics



Discharging Characteristics



JQA-EM6438
ISO 9001
Certification



JQA-1690
ISO 14001
Certification

The specifications are subject to modification without prior notice.



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