



YUASA Valve Regulated Lead Acid Batteries (Front Terminal Types)

Model	Nominal Voltage	Nominal Capacity 10-hour rate to 1.80V/cell (Ah)	Dimensions (mm)			Terminal Bolt Size	Weight (kg)
			Length	Width	Overall Height		
UXF90-12	12	90	395	108	264	M8	33.0
UXF100-12	12	100	420	108	325	M8	40.0
UXF100-12FS	12	100	395	106	290	M8	34.0
UXF150-12	12	150	530	125	325	M8	60.0
FXH45-12I	12	45	278	103	197	M5	15.0
FXH90-12I	12	90	395	105	255	M8	30.0
FXH100-12I	12	100	508	106	236	M6	34.9
FXH140-12I	12	140	556	123	295	M8	51.0
FXH155-12I	12	155	415	174	258	M6	50.5
FXH185-12I	12	185	556	125	317	M6	60.7
FXH190-12S	12	190	556	125	317	M8+M6	60.7
FXH190-12I	12	190	604	123	320	M6	67.0
FXH200-12I	12	200	520	243	230	M8	70.6

UXF & FXH Series Batteries

The UXF and FXH series batteries are designed with front access terminals, which enable quicker and safer installation as well as easier and faster maintenance, and are in compliance with the requirements of the international standard IEC 60896-21/-22. The batteries are particularly ideal for 48V systems in 19-inch, 23-inch and ETSI racking with four blocks of battery installed; they are also suitable for other backup applications with limited space for battery installation.



Features

- Higher Power Density**
 Increased power density on comparatively smaller footprint of the battery.
- Safety**
 No electrolyte leakage will occur from terminals or case ensuring safe and efficient operation.
- Connection**
 Front terminal connection for fast and easy installation and maintenance and inspection.
- 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.
- 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.
- Long Design Life**
 The use of heavy duty lead-calcium alloy grids with anti-corrosive construction enables UXF and FXH series batteries to remain in excellent float service for 10+ years.
- No Equalizing Charge required**
 Under normal operation, no equalizing charge is required.
- Battery Casing**
 Flame retardant ABS to rating UL94-V0

UXF & FXH SERIES

Operating Temperature

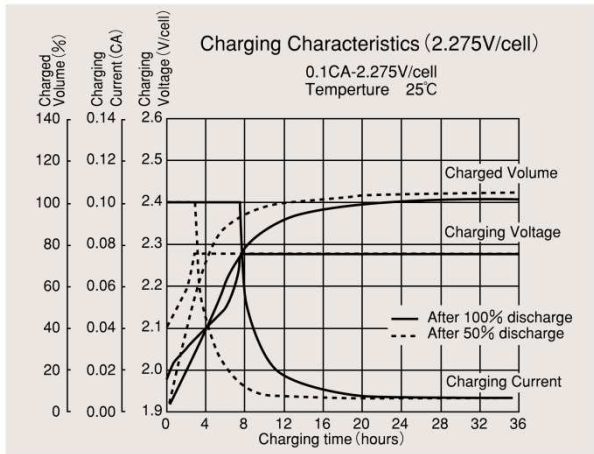
(Discharging) -15°C ~ 45°C
 (Charging) 0°C ~ 40°C
 (Storage) -15°C ~ 40°C

Charging

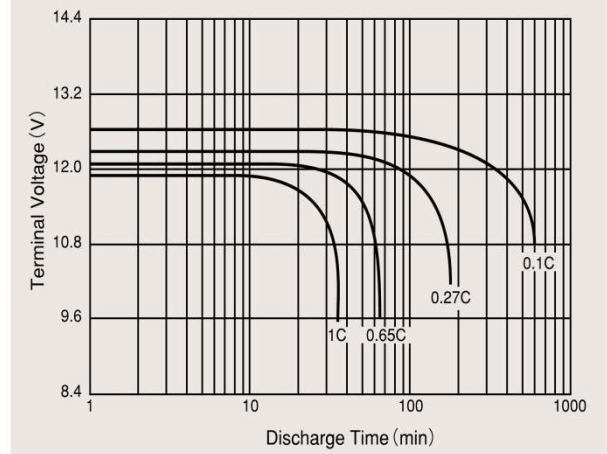
Float Charge Voltage at 25°C:
 13.65V ± 0.15V

General Characteristics

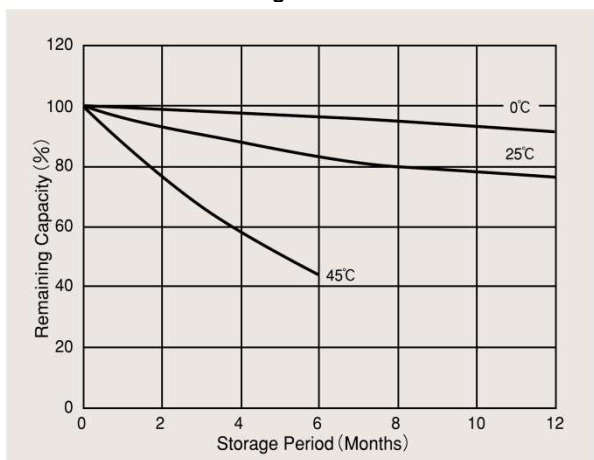
Charging Characteristics at 25°C



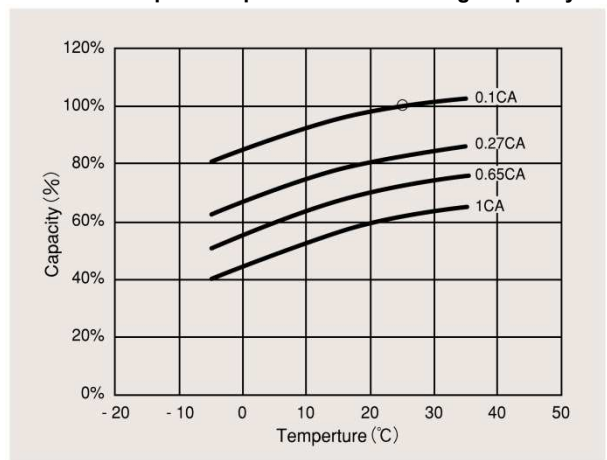
Discharge Characteristics at 25°C



Self-discharge Characteristics



Relationship of Temperature and Discharge Capacity



The specifications are subject to modification without prior notice.



JQA-EM6438
 ISO14001
 Certification



JQA-1690
 ISO9001
 Certification



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