

# UXL (LH) series

## ■ VRLA (Valve Regulated Lead Acid Battery)

### UXL(LH) 250 (2V, 250AH/10hr)

#### ► Applications

- UPS System
- Communication Equipments
- Renewable Energy(Solar & Wind power)
- Medical Equipments
- Computer Back-up Power
- Security & Alarm Systems
- Power Plants
- Railroad Traffic Signals
- FA Systems

#### ► Technical Features

- Excellent energy-saving capacity combined with high reliability
- Maintenance - Free (No topping up during whole service life)
- Leakproof (Adopted sealed structure)
- Safety Valve for increased reliability against gas generation
- Very low gassing due to the internal gas recombination
- Minimized Self-Discharge
- Excellent recovery following the deep discharge
- 14 years design life at 25 °C ambient temperature
- Self discharge rate: < 2.5% per month at 77°F (25 °C)
- Container & Cover : Acid-resistant ABS resin  
Option : UL94-V0 = ABS
- Terminal  
Standard : Volt / Nut Type  
Option : Nut inserted structure(99.9% pure copper)
- Completely recyclable

※ The AGM battery does not require equalizing charge.

#### ► Specifications

Nominal Capacity (AH)	• 250
Nominal Voltage (V)	• 2
Dimensions (L*W*H*TH) (mm)	• 195*170*329*362
Weight (kg)	• 21.0
Design life (at 25 °C)	• 14 years
Internal Resistance (mΩ )	• 0.39
Self Discharge (at 25 °C)	• 2.5% / Month
Operating Temperature Range ( °C)	• -15 ~ +50
Charge voltage (at 25 °C)	• 2.22V



Standard type

Nut inserted type

#### ► Discharge Table in Amperes

Final Voltage	1min	5min	15min	30min	45min	1h	3h	5h	8h	10h	12h	24h
1.8V / Cell	500	446	324	236	185	151	67.5	44.7	30.5	25.0	21.5	11.5
1.7V / Cell	676	555	379	255	200	163	70.5	47.2	31.7	25.5	22.1	11.5
1.6V / Cell	877	676	431	284	214	175	76.0	50.0	32.5	26.3	22.1	11.5

