

## ■ VRLA (Valve Regulated Lead Acid Battery) UXL(LH) 300 (2V, 300AH/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)	• 300
Nominal Voltage (V)	• 2
Dimensions (L*W*H*TH) (mm)	• 195*170*329*362
Weight (kg)	• 24.0
Design life (at 25 °C)	• 14 years
Internal Resistance (mΩ )	• 0.37
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	600	536	390	283	222	182	81.1	53.6	36.6	30.0	25.8	13.8
1.7V / Cell	811	667	455	306	240	196	84.5	56.6	38.0	30.6	26.5	13.8
1.6V / Cell	1053	811	517	341	256	210	90.9	60.0	39.0	31.6	26.5	13.8

