

■ VRLA (Valve Regulated Lead Acid Battery) UXL(L) 1600 (2V, 1600AH/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
- 12 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)	• 1600
Nominal Voltage (V)	• 2
Dimensions (L*W*H*TH) (mm)	• 472*333*340*372
Weight (kg)	• 106.0
Design life (at 25 °C)	• 12 years
Internal Resistance (mΩ)	• 0.36
Self Discharge (at 25 °C)	• 2.5% / Month
Operating Temperature Range (°C)	• -15 ~ +50
Charge voltage (at 25 °C)	• 2.22V



Standard type

▶ Discharge Table in Amperes

Final Voltage	10min	15min	20min	30min	40min	50min	1h	2h	3h	5h	8h	10h
1.8V / Cell	2162	1778	1481	1230	1032	898	833	533	400	246	171	160
1.7V / Cell	2666	2285	1975	1584	1230	1066	969	551	400	246	176	163
1.6V / Cell	2963	2580	2191	1616	1344	1221	1066	559	400	261	176	163

