

■ VRLA (Valve Regulated Lead Acid Battery) UXL(LH) 1800 (2V, 1800AH/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)	• 1800
Nominal Voltage (V)	• 2
Dimensions (L*W*H*TH) (mm)	• 472*333*340*372
Weight (kg)	• 133.0
Design life (at 25 °C)	• 14 years
Internal Resistance (mΩ)	• 0.33
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	1min	5min	15min	30min	45min	1h	3h	5h	8h	10h	12h	24h
1.8V / Cell	3600	3213	2340	1701	1332	1089	487	321	220	180	155	82.8
1.7V / Cell	4869	3996	2727	1836	1440	1179	507	339	228	184	159	82.8
1.6V / Cell	6318	4869	3105	2043	1539	1260	545	360	234	190	159	82.8

