

■ VRLA (Valve Regulated Lead Acid Battery) UXL(LH) 500 (2V, 500AH/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)	• 500
Nominal Voltage (V)	• 2
Dimensions (L*W*H*TH) (mm)	• 285*170*329*362
Weight (kg)	• 39.0
Design life (at 25 °C)	• 14 years
Internal Resistance (mΩ)	• 0.3
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	1000	893	649	472	370	303	135	89.3	61.0	50.0	42.9	22.9
1.7V / Cell	1351	1111	758	510	400	327	141	94.3	63.3	51.0	44.2	22.9
1.6V / Cell	1754	1351	862	568	427	350	152	100	64.9	52.6	44.2	22.9

