

■ VRLA (Valve Regulated Lead Acid Battery) UXL(L) 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
- 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)	• 500
Nominal Voltage (V)	• 2
Dimensions (L*W*H*TH) (mm)	• 285*170*329*362
Weight (kg)	• 32.0
Design life (at 25 °C)	• 12 years
Internal Resistance (mΩ)	• 0.35
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	10min	15min	20min	30min	40min	50min	1h	2h	3h	5h	8h	10h
1.8V / Cell	675	555	462	384	322	280	260	166	125	76.9	53.5	50.0
1.7V / Cell	833	714	617	495	384	333	303	172	125	76	55.2	51.0
1.6V / Cell	926	806	685	505	420	381	333	174	125	81.6	55.2	51

