

■ VRLA (Valve Regulated Lead Acid Battery) ESG 1400 (2V, 1400AH/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
- 10 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
- Completely recyclable

※ The AGM battery does not require equalizing charge.

► Specifications

Nominal Capacity (AH)	• 1400
Nominal Voltage (V)	• 2
Dimensions (L*W*H*TH) (mm)	• 474*333*340*372
Weight (kg)	• 86.0
Design life (at 25 °C)	• 10 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



► Discharge Table in Amperes

Final Voltage	10min	15min	20min	30min	40min	50min	1h	2h	3h	5h	8h	10h
1.8V / Cell	1796	1477	1231	1022	858	747	692.6	411.4	332.5	204.3	142.5	133.0
1.7V / Cell	2216	1900	1642	1327	1022	886	806	458	332	204	146.3	134.9
1.6V / Cell	2462	2145	1821	1343	1117	1015	886	467	333	217	146.3	134.9

