

■ VRLA (Valve Regulated Lead Acid Battery) ES(H,L) 200 (12V, 200AH/10hr)

► Applications

Cycle use

Various Portable Equipment / Medical Instruments /
Cameras & Photographic / Equipment /
Portable Digital Instruments / Personal Computers /
Powered Toys / Lighting Equipment
Renewable Energy System(Solar & Wind Power)

Standby use

Security Alarm Systems / Fire Alarm Systems /
Computer Back-up / Emergency Lighting /
UPS Systems / Communication Equipment

► Technical Features

- No-Spill Sealed Construction
- Absorbent Glass Mat System (AGM System)
- Container & Cover : Acid-resistant ABS resin
Option : UL94-V0 = ABS
- Gas Recombination
- Maintenance-Free Operation
- Low Pressure Venting System
- Heavy-Duty Grids
- Low Self-Discharge / Long Shelf Life
- Wide Operating Temperature Range
- High Recovery Capacity
- Design life 8~10 years at 25°C

► Specifications

Nominal Capacity (AH)	· 200	
Nominal Voltage (V)	· 12	
Dimensions (L*W*H*TH) (mm)	· 520*269*203*237	
Weight (kg)	· 60.0	
ESH (Design life at 25 °C)	· 8~10 years	
Internal Resistance (mΩ)	· 3.4	
ESL Cycle Life (DOD100/50/30%)	· 400 / 950 / 1600 Cycle	
Self Discharge (at 25 °C)	· 2.5% / Month	
Operating Temperature Range (°C)	· -15 ~ +50	
Charge voltage (at 25 °C)	Cyclic use (V)	· 14.40
	Standby use (V)	· 13.32



► Discharge Table in Amperes

Final Voltage	5min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h	100h
1.8V / Cell	500	283	192	140	114	69.0	49.4	32.3	21.7	20.0	10.7	2.16
1.7V / Cell	562	320	199	149	123	73.3	53.4	36.6	23.0	20.4	10.8	2.40
1.6V / Cell	656	348	200	153	130	75.9	55.7	37.0	25.5	20.6	11.0	2.50

