■ VRLA (Valve Regulated Lead Acid Battery)
ES(H,L) 65 (12V, 65AH/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
- Absorptive 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℃

▶ Specifications

Nominal Capacity (AH)		· 65
Nominal Voltage (V)		· 12
Dimensions (L*W*H*TH) (mm)		· 325*166*174*174
Weight (kg)		· 20.9
ESH (Design life at 25℃)		· 8~10 years
Internal Resistance (mΩ)		· 7.0
ESL Cycle Life (DOD100/50/30%)		· 400 / 950 / 1600 Cycle
Self Discharge (at 25℃)		· 2.5% / Month
Operating Temperature Range (℃)		· -15 ~ +50
Charge voltage (at 25℃)	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	163	91.9	62.4	45.6	37.2	22.4	16.1	10.5	7.1	6.5	3.4	0.74
1.7V / Cell	183	104	64.6	48.4	40.0	23.8	16.6	11.06	7.5	6.6	3.5	0.78
1.6V / Cell	213	113	65.0	49.7	39.0	24.6	18.1	11.8	8.3	6.7	3.6	0.80