■ **VRLA** (Valve Regulated Lead Acid Battery)
ESH 30 (12V, 30AH/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)		· 30
Nominal Voltage (V)		· 12
Dimensions (L*W*H*TH) (mm)		· 192*132*170*170
Weight (kg)		· 9.3
ESH Design life (at 25℃)		· 8~10 years
Internal Resistance (mΩ)		· 9.0
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	75.2	42.3	28.8	21.0	17.2	10.4	7.3	4.8	3.3	3.0	1.57	0.34
1.7V / Cell	84.6	48.0	29.8	22.2	17.5	11.0	7.5	5.1	3.4	3.1	1.6	0.37
1.6V / Cell	98.6	52.3	30.0	23.1	18.0	11.4	8.4	5.5	3.8	3.2	1.7	0.39