

## **LIVEN LVH Series**

AGM (Absorbent Glass Material) technology with gas recombination. The LVH series Valve Regulated Lead Acid (VRLA) battery is designed for heavy load discharge applications with 15 years design life in float service.

By using strong grids and specially designed active material is with lower I.R, lower self discharge rate, high power, and longer service life performance.

Generally the LVH series offers 30% more power output than the standard range.

#### **Applications:**

- High Power
- UPS Datacenters
- supply
  - DC power supply
    - Electric Tools
- Emergency backup PW Security system

· Communication power

#### **Dimensions:**

Length	522±1mm (20.51in)
Width	268±1mm (10.55in)
Height	220±1mm (8.66in)
Total Height	225±1mm (8.86in)

## **Technical Drawings:**



6

A.B.S. UL94-HB, UL94-V0 Optional.



**Container Material** 

**Specifications: Cells Per Unit** 

Constant Current Discharge (CC, Unit: A) at 25°C (77°F)								
F.V./ Time	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	806.9	682.0	609.9	470.0	382.7	282.1	163.3	117.2
1.67V	732.2	625.4	563.7	438.3	359.7	266.9	155.7	112.4
1.70V	701.1	601.2	543.4	425.0	349.6	260.5	152.6	110.2
1.75V	647.3	560.0	509.4	402.0	332.2	249.5	147.3	106.7
1.80V	593.0	518.6	475.5	380.4	316.6	238.9	142.0	103.3
1.85V	509.0	441.8	402.8	327.1	274.7	211.3	128.3	94.2

## Constant Power Discharge (CP, Unit: W/Battery) at 25°C (77°F)

F.V./ Time	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	8898.0	7620.0	6882.0	5375.4	4413.6	3288.6	1839.6	1330.2
1.67V	8280.0	7152.0	6498.0	5100.0	4212.0	3153.6	1770.6	1286.4
1.70V	8010.0	6936.0	6312.0	4981.2	4121.4	3090.0	1741.2	1267.8
1.75V	7512.0	6552.0	5997.0	4766.4	3955.8	2988.0	1693.8	1234.2
1.80V	6996.0	6150.0	5662.8	4554.0	3807.0	2883.6	1643.4	1200.0
1.85V	6090.0	5313.0	4862.4	3958.2	3335.4	2572.2	1494.6	1104.0

### www.liven-battery.com



Living Energy

# LVH12-850W

AGM High Rate Battery



AGM VRLA battery



















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