

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:

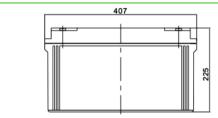
- High Power
- UPSDatacenters
- supply
- DC power supply
- Emergency backup PW
 Electric Tools

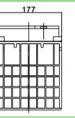
Communication power

- Security system
- **Dimensions:**

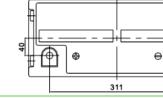
407±1mm (16.0in)
177±1mm (6.97in)
225±1mm (8.86in)
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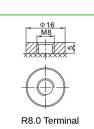
Technical Drawings:





Container Material





onstant Curren	nstant Current Discharge (CC, Unit: A) at 25°C (77°F)							
F.V./ Time	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	404.7	342.5	319.7	248.9	202.6	149.4	86.4	62.0
1.67V	367.3	314.1	295.4	232.1	190.5	141.3	82.5	59.5
1.70V	351.7	301.9	284.8	225.0	185.1	137.9	80.8	58.4
1.75V	324.7	281.2	267.0	212.9	175.9	132.1	78.0	56.5
1.80V	297.5	260.4	249.2	201.4	167.6	126.5	75.2	54.7
1.85V	255.3	221.8	211.1	173.2	145.5	111.9	67.9	49.9

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	4462.2	3826.8	3607.2	2846.4	2337.0	1741.2	973.8	704.4
1.67V	4153.2	3590.4	3404.4	2700.0	2230.2	1669.8	937.2	681.0
1.70V	4016.4	3482.4	3309.6	2637.6	2182.2	1636.2	922.2	671.4
1.75V	3769.2	3291.0	3143.4	2523.6	2094.6	1582.2	897.0	653.4
1.80V	3508.2	3089.4	2968.2	2411.4	2015.4	1526.4	870.0	635.4
1.85V	3055.8	2668.2	2548.2	2095.8	1765.8	1362.0	791.4	584.4

LVH12-450W

AGM High Rate Battery

Specifications:	
Cells Per Unit	6
Voltage Per Unit	12V
Nominal Capacity	450W @15min-rate to 1.67V per cell @25°C
Weight	Approx. 36.50Kg ±2% (80.47lbs)
Internal Resistance	Approx. 4.5mΩ
Terminal	R8.0
Max. Discharge Current	1200A (5sec)
Design Life	15 years floating Eurobat (20°C): >12 years Very Long Life
Recommended Maximum Charging Current	36.0A
Reference Capacity	C20 120Ah
Standby Use Voltage	13.6V~13.8V @ 25°C Temperature Compensation: -3mV/°C/Cell
Cycle Use Voltage	14.6V~14.8V @ 25°C Temperature Compensation: -4mV/°C/Cell
Operating Temperature Range	Discharge: -15°C~50°C Charge: -10°C~45°C Storage: -15°C~50°C
Normal Operating Temperature Range	25°C±5°C
Self Discharge	LIVEN Valve Regulated Lead Acid (VRLA batteries can be stored for up to 6 months a 25°C and then recharging is recommended Monthly Self-discharge ratio is less than 3% a 25°C.Please charge batteries before using.

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

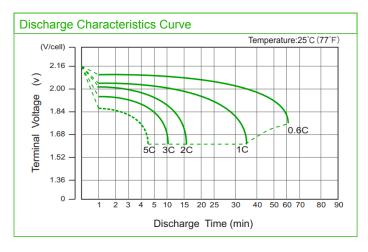
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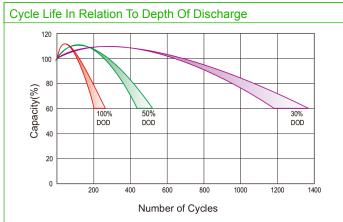


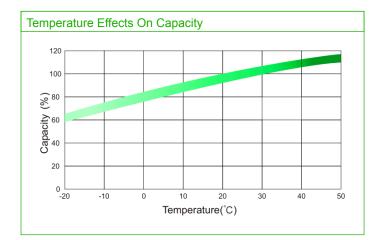


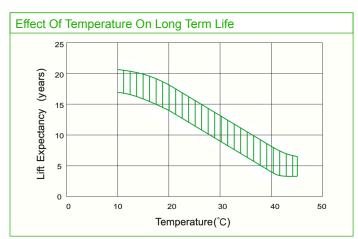


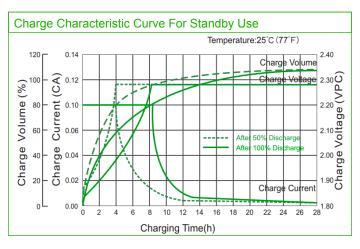
AGM VRLA battery

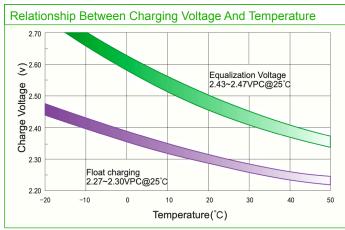


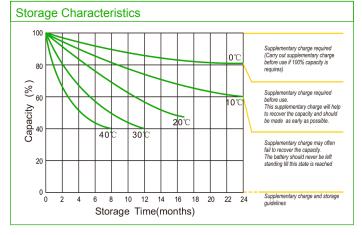




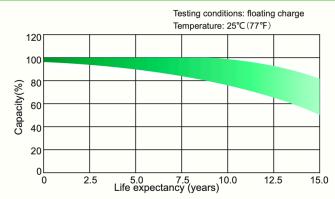












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