## LVH12-150W

LVH series VRLA battery



## 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.

## **Application:**

- High Power
- Uninterrupted Power Supplies
- Datacenters

Total Height

- · Emergency backup power supply
- · Alarm and security system
- · Communication power supply
- DC power supply

169±1mm (6.65 inches)

· Electric Tools

Dimensions:	
Length	198±1mm (7.80 inches)
Width	166±1mm (6.54 inches)
Height	169+1mm (6 65 inches)

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Specification:	
Cells Per Unit	6
Voltage Per Unit	12
Nominal Capacity	150W@15min-rate to 1.67V per cell @25°C
Weight	Approx. 13.0 Kg ±2%
Internal Resistance	Approx. 7.5 mΩ
Terminal	R6
Max. Discharge Current	400A (5 sec)
Design Life	15 years floating Eurobat (20°C): >12 years Very Long Life
Recommended Maximum Charging Current	12.0 A
Reference Capacity	C20 40.0AH
Standby Use Voltage	13.6 V~13.8 V @ 25°C Temperature Compensation: -3mV/°C/Cell
Cycle Use Voltage	14.6 V~14.8 V @ 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 at 25°C and then recharging is recommended. Monthly Self-discharge ratio is less than 3% at 25°C.Please charge batteries before using.









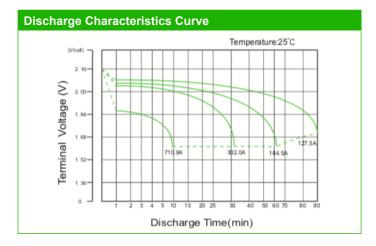
A.B.S. UL94-HB, UL94-V0 Optional.

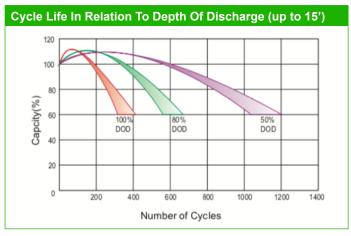
## **Drawing:** 166 198 69 R6 TERMINAL

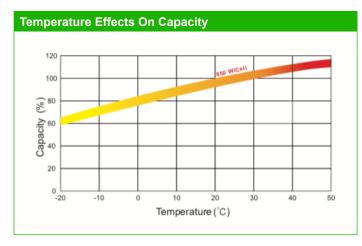
**Container Material** 

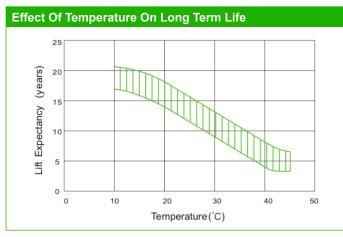
<b>Constant Curre</b>	Constant Current Discharge (CC, Unit: A) at 25°C (77°F)									
F.V/Time	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN		
1.60V	141.4	121.1	108.9	86.5	69.5	50.9	29.3	21.7		
1.67V	130.8	113.6	102.2	82.0	64.8	48.6	27.9	20.7		
1.70V	125.4	109.6	98.5	79.5	62.4	47.2	27.1	20.0		
1.75V	118.4	104.1	92.5	75.8	60.6	45.9	26.7	19.6		
1.80V	111.4	98.6	86.4	72.0	58.9	44.5	26.1	19.1		
1.85V	104.0	92.7	80.1	67.9	56.8	42.8	25.5	18.5		

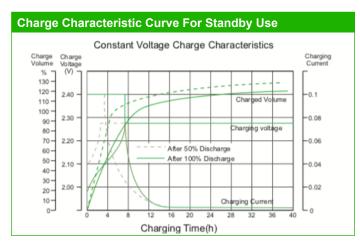
<b>Constant Powe</b>	Constant Power Discharge (CP, Unit: W/Battery) at 25°C (77°F)							
F.V/Time	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN
1.60V	1512.0	1314.0	1188.0	948.0	768.0	562.8	325.2	241.8
1.67V	1416.0	1248.0	1128.0	912.0	720.0	541.8	312.6	232.2
1.70V	1374.0	1218.0	1098.0	894.0	702.0	532.8	307.2	228.0
1.75V	1314.0	1170.0	1044.0	864.0	690.0	524.4	306.0	225.6
1.80V	1254.0	1122.0	990.0	828.0	684.0	515.4	304.2	223.2
1.85V	1194.0	1080.0	936.0	798.0	672.0	507.0	303.0	221.4

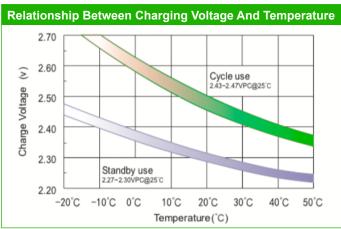


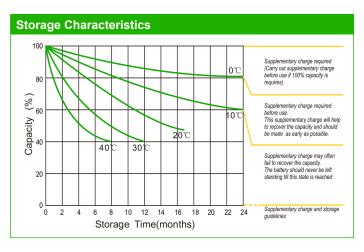


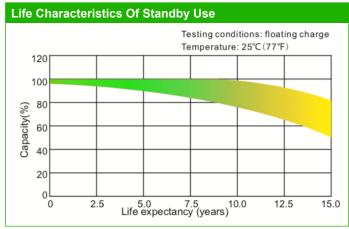












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