LVH6-630V

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.

AGM High Rate 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.

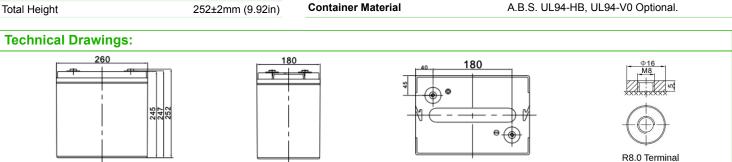
Applications:

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

Dimensions:	
Length	260±2mm (10.2in)
Width	180+2mm (7 09in)

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Width	180±2mm (7.09in)
Height	245±2mm (9.65in)
Total Height	252±2mm (9.92in)

Specifications:	
Cells Per Unit	3
Voltage Per Unit	6V
Nominal Capacity	630W @15min-rate to 1.67V per cell @25°C
Weight	Approx. 25.50Kg ±2% (56.22lbs)
Internal Resistance	Approx. 2.0mΩ
Terminal	R8.0
Max. Discharge Current	1800A (5sec)
Design Life	15 years floating Eurobat (20°C): >12 years Very Long Life
Recommended Maximum Charging Current	54.0A
Reference Capacity	C20 180Ah
Standby Use Voltage	6.80V~6.90V @ 25°C Temperature Compensation: -3mV/°C/Cell
Cycle Use Voltage	7.30V~7.40V @ 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

stant Current Discharge (CC, Unit: A) at 25°C (77°F)								
F.V./ Time	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	629.6	521.2	456.7	348.4	283.7	209.1	121.0	86.8
1.67V	571.3	477.9	422.0	324.9	266.7	197.9	115.4	83.3
1.70V	547.0	459.4	406.9	315.0	259.2	193.1	113.1	81.7
1.75V	505.0	427.9	381.4	298.0	246.2	184.9	109.2	79.1
1.80V	462.7	396.3	356.0	282.0	234.6	177.1	105.3	76.6
1.85V	397.2	337.6	301.6	242.5	203.7	156.7	95.1	69.8

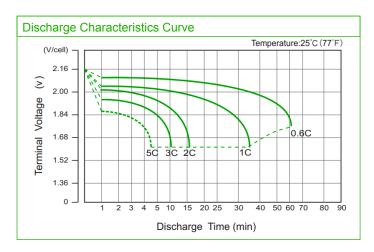
F.V./ Time	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	3471.0	2911.5	2576.7	1992.3	1635.6	1218.9	681.9	493.2
1.67V	3231.0	2731.5	2431.5	1890.0	1561.2	1168.8	656.1	476.7
1.70V	3123.0	2649.6	2363.7	1846.2	1527.3	1145.4	645.3	469.8
1.75V	2931.3	2504.1	2245.2	1766.4	1466.1	1107.6	627.6	457.5
1.80V	2728.5	2350.5	2120.1	1687.8	1410.9	1068.6	609.0	444.9
1.85V	2376.6	2030.1	1820.4	1467.0	1236.3	953.1	553.8	409.2

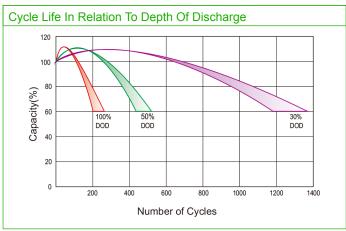


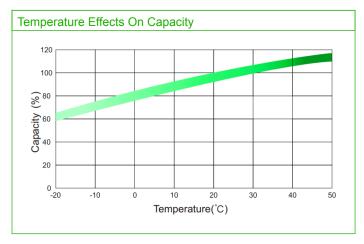


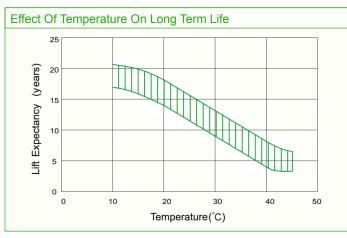


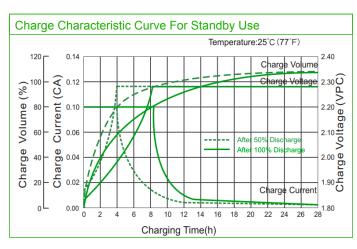


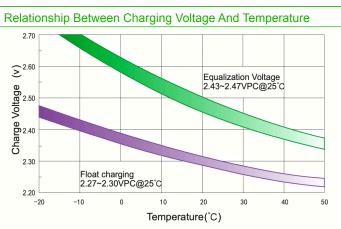


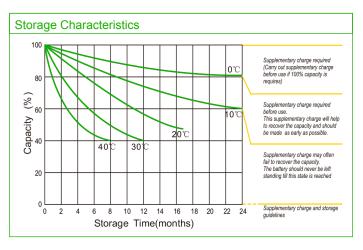


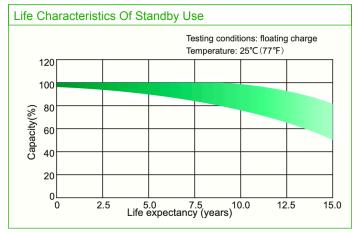












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