LVH12-690W

25°C and then recharging is recommended. Monthly Self-discharge ratio is less than 3% at 25°C.Please charge batteries before using.

R8.3 Terminal

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.

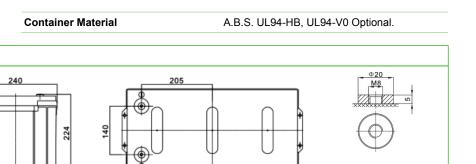
Applications:

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

Dimensions:	
Length	522±1mm (20.6in)
Width	240±1mm (9.45in)
Height	219±1mm (8.62in)

Specifications:	
Cells Per Unit	6
Voltage Per Unit	12V
Nominal Capacity	690W @15min-rate to 1.67V per cell @25°C
Weight	Approx. 63.50Kg ±2% (139.99lbs)
Internal Resistance	Approx. 3.0mΩ
Terminal	R8.0
Max. Discharge Current	2250A (5sec)
Design Life	15 years floating Eurobat (20°C): >12 years Very Long Life
Recommended Maximum Charging Current	67.5A
Reference Capacity	C20 225Ah
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
	LIVEN Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 6 months at





F.V./ Time	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	689.5	570.8	500.1	381.6	310.7	229.0	132.5	95.1
1.67V	625.7	523.4	462.2	355.8	292.1	216.7	126.4	91.2
1.70V	599.1	503.1	445.6	345.0	283.9	211.5	123.9	89.5
1.75V	553.1	468.7	417.8	326.4	269.7	202.5	119.6	86.7
1.80V	506.8	434.0	389.9	308.8	257.0	194.0	115.3	83.8
1.85V	435.0	369.7	330.3	265.6	223.1	171.6	104.2	76.4

Self Discharge

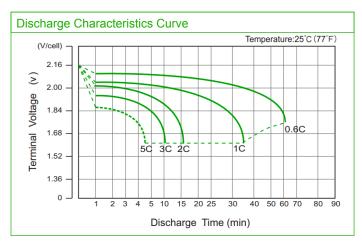
F.V./ Time	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	7602.0	6378.0	5644.2	4363.8	3583.2	2670.0	1493.4	1080.0
1.67V	7074.0	5983.8	5326.2	4140.0	3419.4	2560.2	1437.6	1044.0
1.70V	6840.0	5804.4	5178.0	4044.0	3345.6	2508.6	1413.6	1029.6
1.75V	6420.0	5485.2	4918.2	3869.4	3211.8	2425.8	1375.2	1002.0
1.80V	5976.6	5148.6	4644.0	3697.2	3090.6	2341.2	1333.8	974.4
1.85V	5206.2	4447.2	3987.0	3213.6	2707.8	2088.0	1213.2	896.4

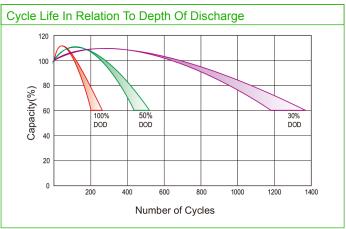


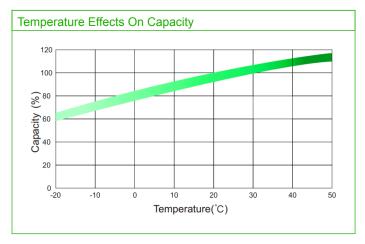


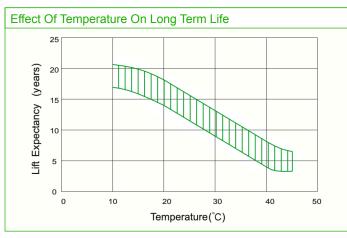


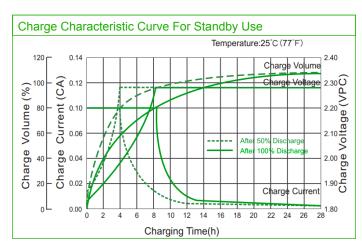


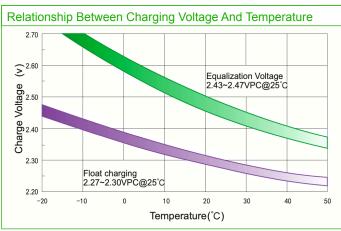


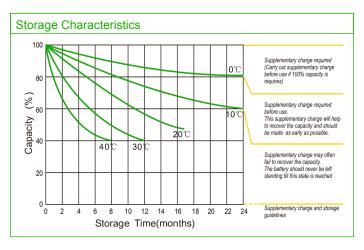


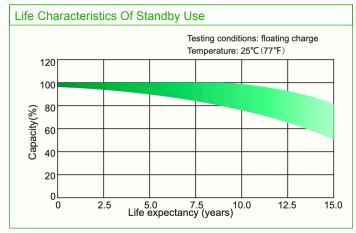












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