



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 8 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:

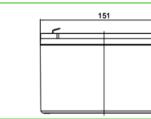
- High Power
- UPS Datacenters
 - - supply DC power supply
- Electric Tools • Emergency backup PW
- Security system

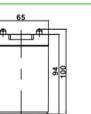
· Communication power

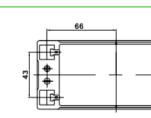
Dimensions:

Length	151±1mm (5.94in)
Width	65±1mm (2.56in)
Height	94±1mm (3.70in)
Total Height	100±1mm (3.94in)

Technical Drawings:







F2 Terminal

Constant Curre	onstant Current Discharge (CC, Unit: A) at 25ºC (77ºF)								
F.V./ Time	3min	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	41.73	36.68	29.31	25.12	18.53	14.57	10.38	5.821	4.126
1.67V	37.87	33.28	26.80	23.16	17.33	13.75	9.835	5.548	3.949
1.70V	36.23	31.85	25.73	22.32	16.80	13.38	9.592	5.427	3.876
1.75V	33.56	29.50	23.97	20.91	15.87	12.72	9.191	5.245	3.758
1.80V	30.74	27.02	22.16	19.51	15.07	12.12	8.790	5.048	3.625
1.85V	26.28	23.10	18.88	16.56	12.92	10.52	7.773	4.563	3.316

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

F.V./ Time	3min	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	449.9	395.5	317.1	272.8	203.2	160.9	115.1	65.5	46.9
1.67V	413.4	363.4	293.9	255.2	192.0	153.5	110.8	63.0	45.3
1.70V	399.1	350.9	284.5	247.6	188.0	150.3	108.2	62.0	44.6
1.75V	373.3	328.1	268.0	235.0	179.2	144.6	104.8	60.3	43.4
1.80V	346.6	304.6	250.7	221.5	171.2	138.8	101.3	58.6	42.2
1.85V	301.1	264.7	216.7	190.3	148.8	121.7	90.2	53.3	38.8

LVH12-32

AGM High Rate Battery

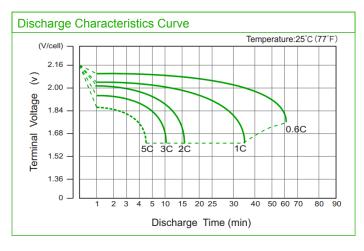
Specifications:	
Cells Per Unit	6
Voltage Per Unit	12V
Nominal Capacity	32W @15min-rate to 1.67V per cell @25°C
Weight	Approx. 2.20Kg ±2% (4.85lbs)
Internal Resistance	Approx. 22mΩ
Terminal	F2
Max. Discharge Current	80A (5sec)
Design Life	8 years floating Eurobat (20°C): 6-9 years General Purpose
Recommended Maximum Charging Current	2.4A
Reference Capacity	C20 8.0Ah
Standby Use Voltage	13.7V~13.9V @ 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 25°C and then recharging is recommender Monthly Self-discharge ratio is less than 3% 25°C.Please charge batteries before using.
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.

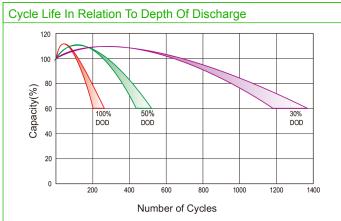


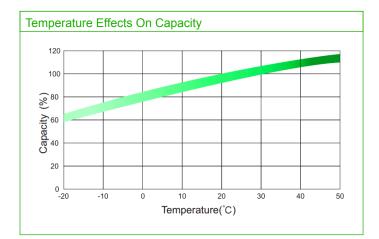


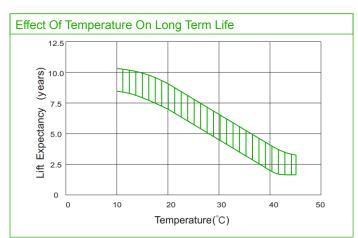


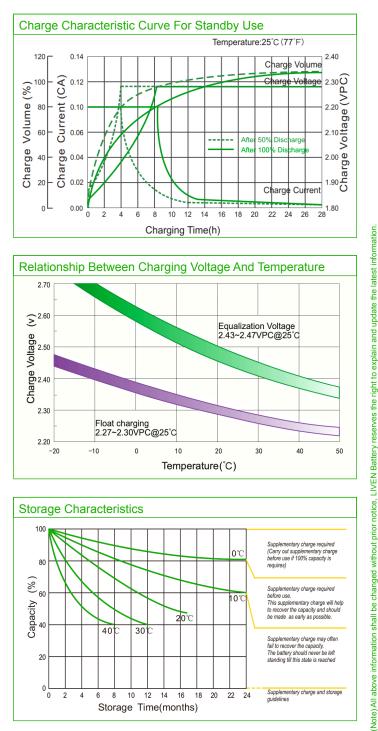
AGM VRLA battery

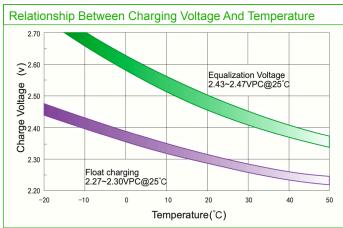


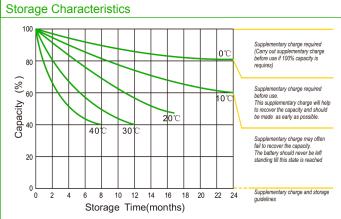




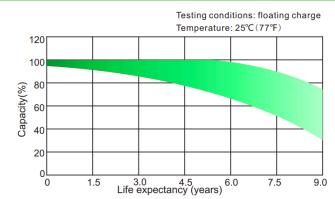












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