



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.

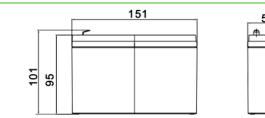
· Communication power

Applications:

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

Length	151±1.5mm (5.94in)		
Width	50±1.5mm (1.97in)		
Height	95±1.5mm (3.74in)		
Total Height	101±1.5mm (3.98in)		

Technical Drawings:



in)		
in)		
in)	Container Material	
50		
L m		
1 1	14	

5

Specifications: Cells Per Unit

Voltage Per Unit

+	

7.8

F2 Terminal	
rz terminal	

nstant Current Discharge (CC, Unit: A) at 25ºC (77ºF)									
F.V./ Time	3min	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	29.83	25.97	20.55	17.44	12.74	10.01	7.136	4.002	2.837
1.67V	27.07	23.57	18.79	16.08	11.92	9.453	6.762	3.814	2.715
1.70V	25.91	22.55	18.05	15.50	11.55	9.201	6.594	3.731	2.665
1.75V	23.99	20.89	16.81	14.52	10.91	8.742	6.319	3.606	2.584
1.80V	21.98	19.13	15.54	13.55	10.36	8.330	6.043	3.470	2.492
1.85V	18.79	16.36	13.24	11.50	8.883	7.235	5.344	3.137	2.280

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	321.7	280.1	222.4	189.5	146.0	110.6	79.1	45.0	32.2
1.67V	295.6	257.3	206.1	177.2	138.0	105.6	76.2	43.3	31.1
1.70V	285.4	248.5	199.5	171.9	135.1	103.3	74.4	42.6	30.6
1.75V	266.9	232.4	187.9	163.1	128.8	99.4	72.1	41.5	29.9
1.80V	247.8	215.7	175.8	153.8	123.1	95.5	69.7	40.3	29.1
1.85V	215.3	187.4	151.9	132.2	107.0	83.7	62.0	36.6	26.7

LVH12-23W F2F1

AGM High Rate Battery

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Nominal Capacity	23W @15min-rate to 1.67V per cell @25°C					
Weight	Approx. 1.75Kg ±2% (3.86lbs)					
Internal Resistance	Approx. 33mΩ					
Terminal	F2(+) + F1(-) 55A (5sec)					
Max. Discharge Current						
Design Life	8 years floating Eurobat (20°C): 6-9 years General Purpose					
Recommended Maximum Charging Current	1.65A					
Reference Capacity	C20 6Ah					
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 a 25°C and then recharging is recommended Monthly Self-discharge ratio is less than 3% a 25°C Blogge charge battering here uping					

6

12V

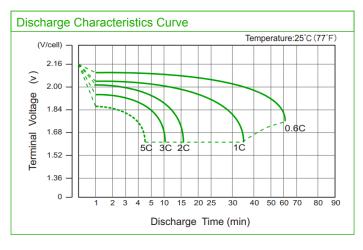
25°C.Please charge batteries before using.

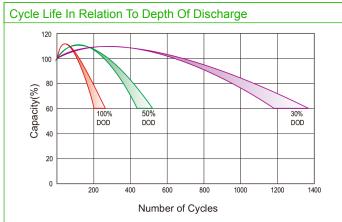
A.B.S. UL94-HB, UL94-V0 Optional.

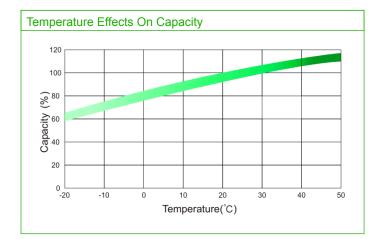


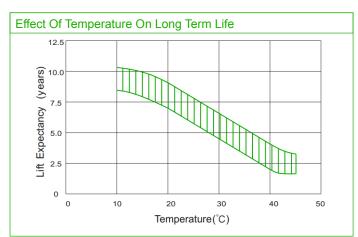


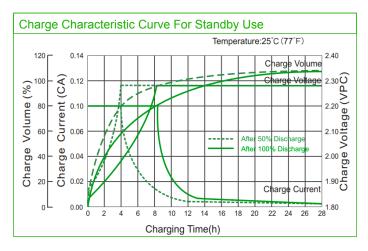


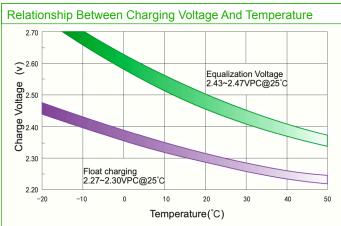


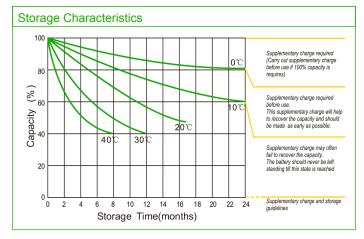




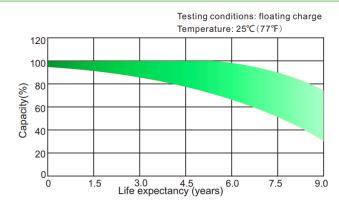












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