



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:

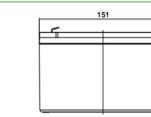
- High Power
- UPS Datacenters
 - - supply DC power supply
 - Electric Tools

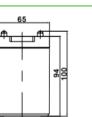
· Communication power

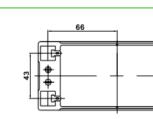
- Emergency backup PW Security system
- Dimensions:

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

Technical Drawings:







7.8	6.35 ()	E T			
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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	36.51	32.09	25.64	21.98	16.22	12.75	9.082	5.093	3.611
1.67V	33.13	29.12	23.45	20.26	15.17	12.03	8.606	4.854	3.456
1.70V	31.70	27.87	22.52	19.53	14.70	11.71	8.393	4.748	3.391
1.75V	29.36	25.81	20.98	18.30	13.88	11.13	8.042	4.589	3.288
1.80V	26.90	23.64	19.39	17.07	13.18	10.60	7.691	4.417	3.172
1.85V	23.00	20.22	16.52	14.49	11.31	9.208	6.802	3.992	2.901

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	393.7	346.1	277.5	238.7	177.8	140.8	100.7	57.3	41.0
1.67V	361.7	317.9	257.2	223.3	168.0	134.4	97.0	55.1	39.6
1.70V	349.3	307.0	248.9	216.7	164.5	131.5	94.7	54.3	39.0
1.75V	326.6	287.1	234.5	205.6	156.8	126.5	91.7	52.8	38.0
1.80V	303.2	266.6	219.4	193.8	149.8	121.5	88.7	51.2	37.0
1.85V	263.5	231.6	189.5	166.5	130.2	106.5	78.9	46.6	34.0

ISO 9001 ISO 14001 CE



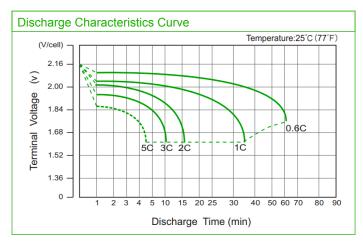


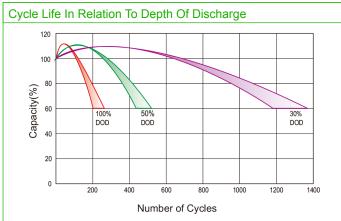
AGM High Rate Battery

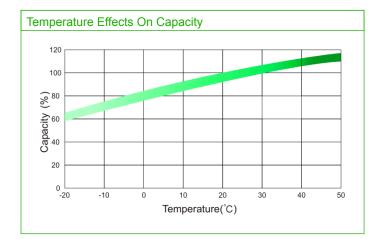
Specifications:	
Cells Per Unit	6
Voltage Per Unit	12V
Nominal Capacity	28W @15min-rate to 1.67V per cell @25°C
Weight	Approx. 2.10Kg ±2% (4.63lbs)
Internal Resistance	Approx. 22mΩ
Terminal	F2
Max. Discharge Current	70A (5sec)
Design Life	8 years floating Eurobat (20°C): 6-9 years General Purpose
Recommended Maximum Charging Current	2.1A
Reference Capacity	C20 7.0Ah
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 at 25°C and then recharging is recommended. Monthly Self-discharge ratio is less than 3% at 25°C.Please charge batteries before using.
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.

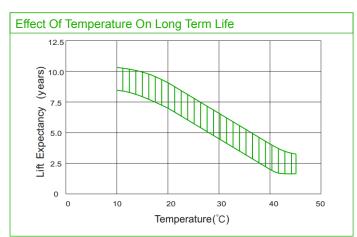


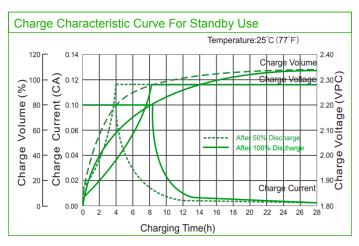
AGM VRLA battery

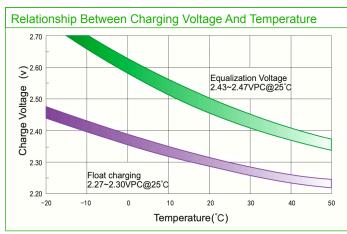


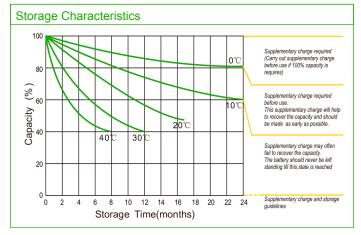




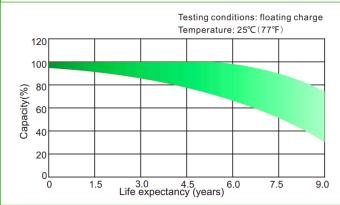












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