LivΣN	12V 580W
BATTERY	
	7.86



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
- UPSDatacenters
- supply
 - DC power supply
- Emergency backup PW
 Electric Tools
- Security system

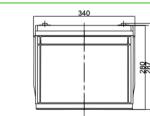
Communication power

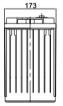
Dimensions:

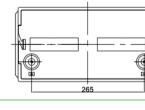
Length	340±2mm (13.4in)
Width	173±2mm (6.81in)
Height	280±2mm (11.0in)
Total Height	287±2mm (11.3in)

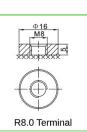
Technical Drawings:

www.liven-battery.com









Constant Curren	Constant Current Discharge (CC, Unit: A) at 25°C (77°F)							
F.V./ Time	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	475.2	422.2	390.9	320.7	261.1	192.5	111.4	79.94
1.67V	431.2	387.1	361.3	299.1	245.5	182.1	106.3	76.69
1.70V	412.9	372.1	348.3	290.0	238.6	177.8	104.2	75.20
1.75V	381.2	346.6	326.5	274.3	226.7	170.2	100.5	72.84
1.80V	349.3	321.0	304.8	259.6	216.0	163.0	96.91	70.47
1.85V	299.8	273.5	258.2	223.2	187.5	144.2	87.55	64.25

Container Material

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

F.V./ Time	5min	8min	10min	15min	20min	30min	60min	90min
1.60V	5239.2	4717.2	4411.8	3667.8	3011.4	2244.0	1255.2	907.8
1.67V	4876.2	4425.6	4163.4	3480.0	2874.0	2151.6	1208.4	877.8
1.70V	4716.0	4293.0	4047.0	3399.0	2812.2	2108.4	1188.0	865.2
1.75V	4425.6	4056.6	3844.2	3252.0	2699.4	2038.8	1155.6	841.8
1.80V	4119.0	3808.2	3630.0	3107.4	2597.4	1967.4	1121.4	819.0
1.85V	3588.0	3289.2	3116.4	2701.2	2275.8	1755.0	1020.0	753.0

LVH12-580W

AGM High Rate Battery

Specifications:	
Cells Per Unit	6
Voltage Per Unit	12V
Nominal Capacity	580W @15min-rate to 1.67V per cell @25°C
Weight	Approx. 47.0Kg ±2% (103.62lbs)
Internal Resistance	Approx. 3.8mΩ
Terminal	R8.0
Max. Discharge Current	1500A (5sec)
Design Life	15 years floating Eurobat (20⁰C): >12 years Very Long Life
Recommended Maximum Charging Current	46.5A
Reference Capacity	C20 155Ah
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
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.

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

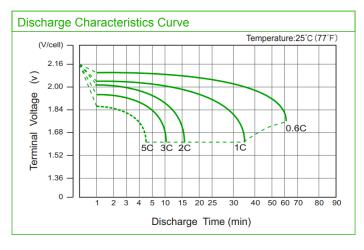


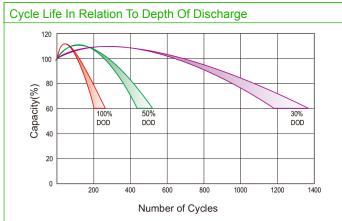


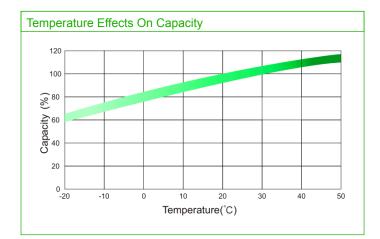


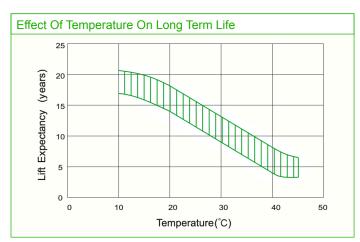


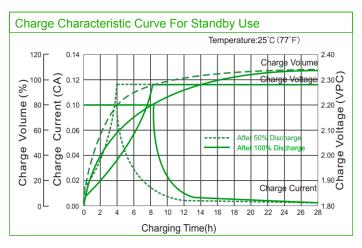
AGM VRLA battery

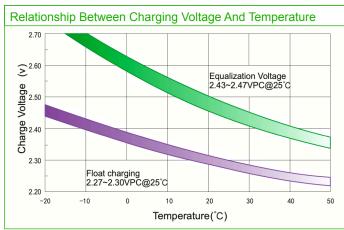


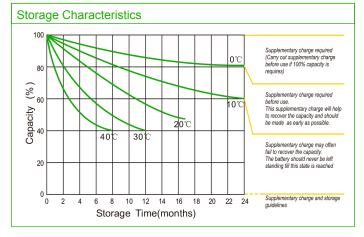




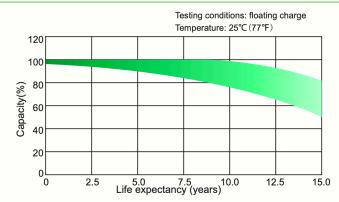












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