LIVEN Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 6 months at

25°C and then recharging is recommended.

GEL Battery



LIVEN LVJ Series

LVJ Hybrid Gel series are manufactured with AGM separator (Absorbent Glass Material) and patented Gel electrolyte. The LVJ series Valve Regulated Lead Acid (VRLA) is Hybrid Gel battery with 12 years floating design life. This battery is ideal for standby or frequent cyclic discharge applications.

The number of deep discharge cycles is increase much compared with normal AGM, 400 cycles at 100% DOD.

Applications:

- Telecommunications
- Uninterrupted Power Supplies
- Wind Power System
- Medical equipments

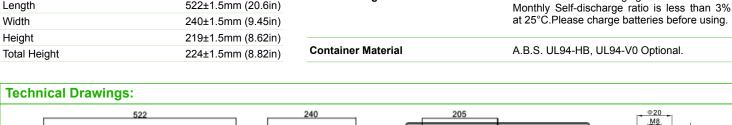
Solar	System

· Auto Control System

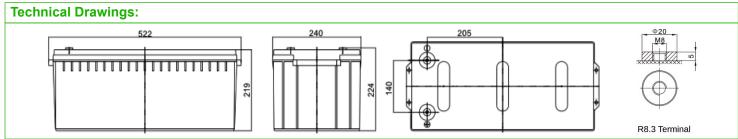
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	3ne	\mathbf{c}	ne.

Length	522±1.5mm (20.6in)
Width	240±1.5mm (9.45in)
Height	219±1.5mm (8.62in)
Total Height	224+1 5mm (8 82in)

Specifications:	
Cells Per Unit	6
Voltage Per Unit	12V
Nominal Capacity	200Ah @20hour-rate to 1.75V per cell @25°C
Weight	Approx. 60.0Kg ±2% (132.30lbs)
Internal Resistance	Approx. 4.0mΩ
Terminal	R8.3
Max. Discharge Current	2000A (5sec)
Design Life	12 years floating Eurobat (20°C): 10-12 years Long Life
Recommended Max. Charging Current	60.0A
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: -20°C~60°C Charge: 0°C~50°C Storage: -20°C~60°C
Normal Operating Temperature Range	25°C±5°C



Self Discharge



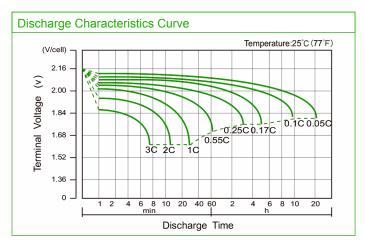
Constant Current Discharge (CC, Unit: A) at 25°C (77°F)											
F.V. / Time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	396.7	312.7	181.3	113.8	70.3	52.4	41.8	35.3	24.1	20.4	10.4
1.65V	383.5	303.3	177.5	111.7	69.1	51.6	41.3	34.8	23.8	20.2	10.3
1.70V	366.2	291.0	172.4	108.8	67.5	50.5	40.5	34.2	23.4	19.9	10.2
1.75V	343.1	274.5	165.6	104.9	65.3	49.1	39.5	33.4	22.9	19.5	10.0
1.80V	312.3	252.3	156.2	99.6	62.3	47.0	38.0	32.3	22.3	19.0	9.75
1.85V	270.1	221.6	142.9	92.0	58.0	44.1	35.9	30.7	21.3	18.2	9.40

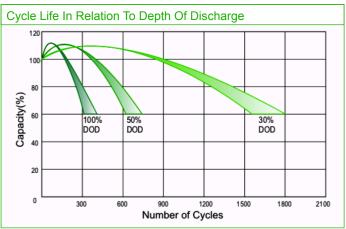
Constant	Constant Power Discharge (CP, Unit: W/Battery) at 25°C (77°F)										
F.V. / Time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	4260.0	3450.0	2082.0	1344.0	840.0	630.0	507.6	429.6	297.0	253.2	129.0
1.65V	4224.0	3420.0	2064.0	1332.0	834.0	624.0	502.8	426.0	294.6	251.4	128.4
1.70V	4080.0	3312.0	2016.0	1302.0	816.0	612.0	495.0	420.0	290.4	247.8	126.6
1.75V	3894.0	3168.0	1956.0	1260.0	792.0	599.4	483.6	411.6	285.0	243.6	124.8
1.80V	3606.0	2952.0	1866.0	1206.0	762.0	576.6	467.4	399.0	277.2	237.0	121.8
1.85V	3174.0	2628.0	1722.0	1122.0	714.0	543.6	442.8	380.4	265.2	228.0	117.6

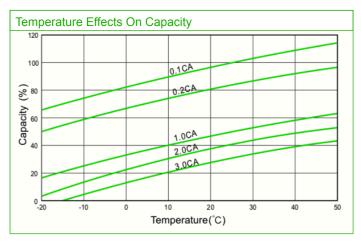


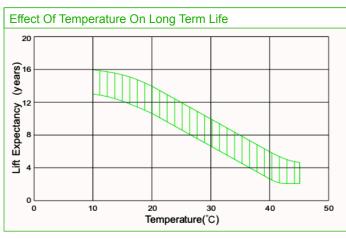


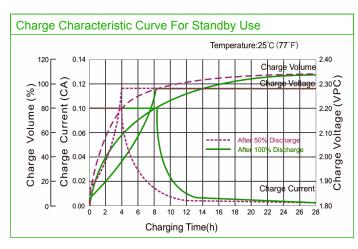


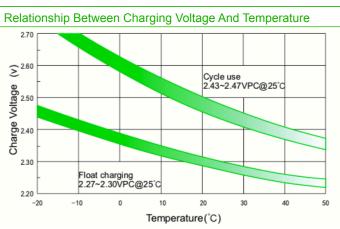


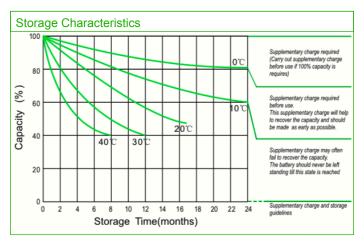


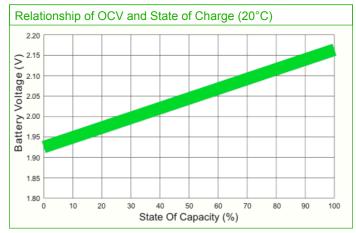












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