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.

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.

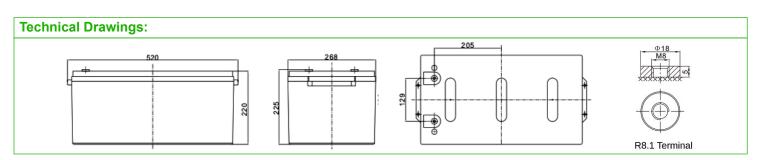
Applications:

- · Telecommunications
- Solar System
- Uninterrupted Power Supplies
- Wind Power System
- Auto Control System
- · Medical equipments

Dimensions:

Length	520±1.5mm (20.5in)
Width	268±1.5mm (10.6in)
Height	220±1.5mm (8.66in)
Total Height	225±1.5mm (8.86in)

Specifications: Cells Per Unit 6 Voltage Per Unit 12V 260Ah @20hour-rate to 1.75V per cell @25°C **Nominal Capacity** Weight Approx. 74.0Kg ±2% (163.17lbs) Internal Resistance Approx. 3.5mΩ **Terminal** R8.1 Max. Discharge Current 2600A (5sec) 12 years floating Design Life Eurobat (20°C): 10-12 years Long Life Recommended Max. Charging Current 78.0A 13.6V~13.8V @ 25°C Standby Use Voltage Temperature Compensation: -3mV/°C/Cell 14.6V~14.8V @ 25°C Cycle Use Voltage Temperature Compensation: -4mV/°C/Cell Discharge: -20°C~60°C **Operating Temperature Range** Charge: 0°C~50°C Storage: -20°C~60°C **Normal Operating Temperature Range** 25°C±5°C LIVEN Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 6 months at



Self Discharge

Container Material

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	515.7	406.5	235.6	148.0	91.4	68.1	54.4	45.9	31.3	26.5	13.5
1.65V	498.5	394.3	230.7	145.2	89.8	67.1	53.7	45.3	30.9	26.2	13.4
1.70V	476.1	378.3	224.2	141.5	87.7	65.7	52.7	44.5	30.5	25.9	13.2
1.75V	446.1	356.9	215.3	136.4	84.9	63.8	51.3	43.5	29.8	25.4	13.0
1.80V	405.9	328.0	203.1	129.4	81.0	61.1	49.4	42.0	28.9	24.7	12.7
1.85V	351.1	288.1	185.8	119.5	75.4	57.3	46.6	39.9	27.6	23.7	12.2

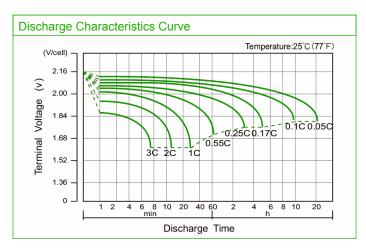
Constant Power Discharge (CP, Unit: W/Battery) at 25°C (77°F)											
F.V. / Time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	5538.0	4488.0	2706.0	1746.0	1092.0	822.0	660.0	558.0	385.8	329.4	168.0
1.65V	5496.0	4446.0	2688.0	1734.0	1080.0	816.0	654.0	554.4	382.8	326.4	166.8
1.70V	5304.0	4302.0	2622.0	1692.0	1062.0	798.0	642.0	546.0	377.4	322.2	165.0
1.75V	5058.0	4116.0	2544.0	1644.0	1032.0	780.0	630.0	535.2	370.2	316.8	162.0
1.80V	4686.0	3840.0	2424.0	1566.0	990.0	750.0	606.0	519.0	360.0	308.4	158.4
1.85V	4122.0	3420.0	2244.0	1458.0	924.0	708.0	576.0	494.4	344.4	296.4	153.0

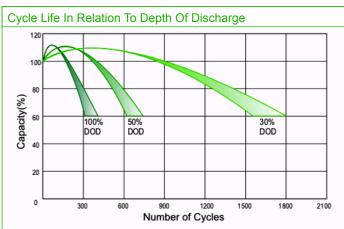


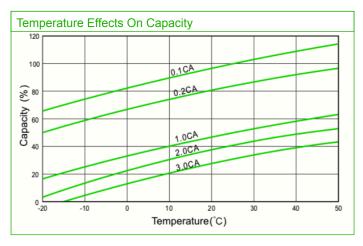


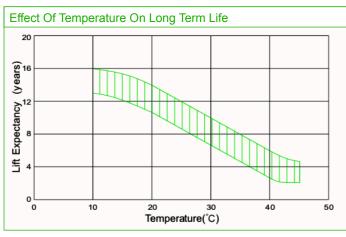


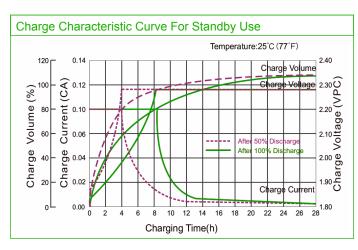


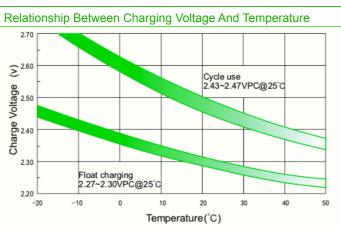


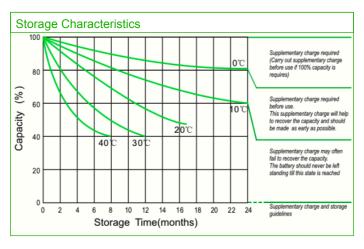


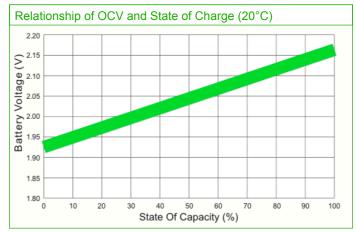












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