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
- Uninterrupted Power Supplies
- Medical equipments

Total Height

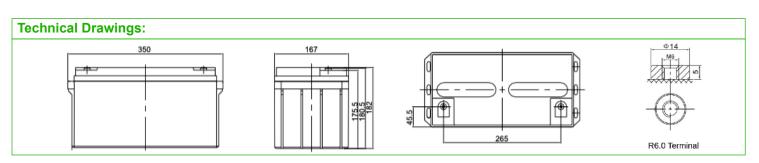
- Solar System
- Wind Power System

182±1.5mm (7.17in)

· Auto Control System

Dimensions:							
Length	350±1.5mm (13.8in)						
Width	167±1.5mm (6.57in)						
Height	182±1.5mm (7.17in)						

Specifications:						
Cells Per Unit	6					
Voltage Per Unit	12V					
Nominal Capacity	80Ah @20hour-rate to 1.75V per cell @25°C					
Weight	Approx. 24.0Kg ±2% (52.92lbs)					
Internal Resistance	Approx. 5.5mΩ					
Terminal	R6.0					
Max. Discharge Current	800A (5sec)					
Design Life	12 years floating Eurobat (20°C): 10-12 years Long Life					
Recommended Max. Charging Current	24.0A					
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					
	LIVEN Valve Regulated Lead Acid (VRLA batteries can be stored for up to 6 months a					



Self Discharge

Container Material

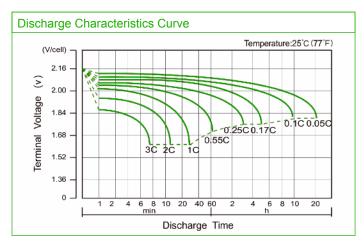
F.V. / Time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	196.0	146.3	83.9	48.5	28.4	21.1	16.7	14.1	9.63	8.16	4.16
1.65V	189.5	141.9	82.2	47.6	27.9	20.8	16.5	13.9	9.52	8.08	4.12
1.70V	180.9	136.1	79.8	46.4	27.3	20.4	16.2	13.7	9.38	7.97	4.07
1.75V	169.5	128.4	76.7	44.7	26.4	19.8	15.8	13.4	9.18	7.81	4.00
1.80V	154.3	118.0	72.3	42.4	25.2	19.0	15.2	12.9	8.90	7.60	3.90
1.85V	133.5	103.7	66.2	39.2	23.4	17.8	14.3	12.3	8.50	7.29	3.76

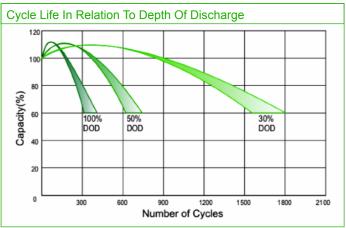
Constant Power Discharge (CP, Unit: W/Battery) at 25°C (77°F)											
F.V. / Time	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	1998.0	1536.0	912.0	544.2	322.8	242.4	192.6	163.2	112.8	96.0	49.1
1.65V	1986.0	1518.0	906.0	539.4	319.8	240.0	191.4	162.0	112.2	95.4	48.8
1.70V	1914.0	1470.0	0.888	527.4	313.2	235.8	187.8	159.6	110.4	94.2	48.2
1.75V	1830.0	1410.0	864.0	511.2	304.8	229.8	183.6	156.6	108.0	92.4	47.5
1.80V	1692.0	1314.0	822.0	487.2	292.2	221.4	177.6	151.8	105.0	90.0	46.3
1.85V	1488.0	1170.0	756.0	453.0	273.6	208.2	168.6	144.6	100.8	86.4	44.7

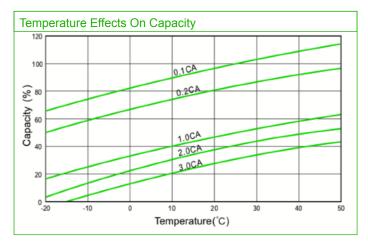


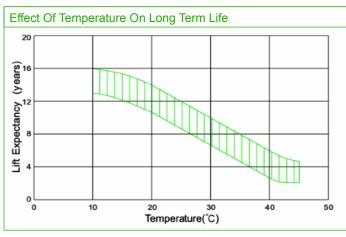


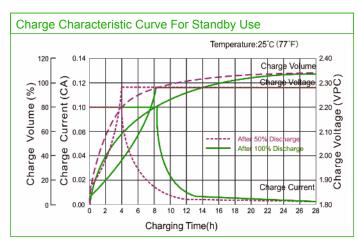


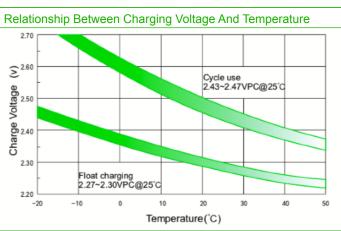


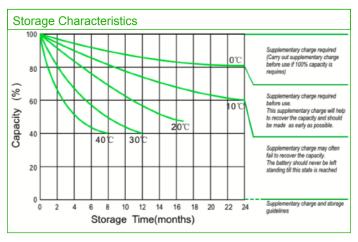


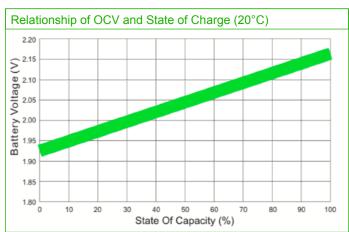












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