

LIVEN LVJ Series - Storage-type Gelled Battery

- High performance, completely maintenance-free, low self-discharge
- 100% precise quality testing, stable quality and high reliable performance
- Unique grid alloy formula, Gelled electrolyte formula and updated manufacturing technique
- Floating & standby use: up to 12 years
- Cycle use 1: Up to 400 cycles at 100% DOD
- Cycle use 2: Up to 1800 cycles at 30% DOD



Application:

- Telecommunications
- UPS / EPS
- DC Power Supply
- Solar System
- Wind Power System
- Auto Control System

Construction:

- ComponentRaw material
- PositiveLead dioxide
- NegativeLead
- ContainerABS
- CoverABS
- SealantEpoxy
- Safety valve Rubber
- TerminalCopper/Pb
- SeparatorFiber glass
- Electrolyte Gelled acid



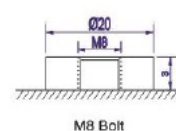
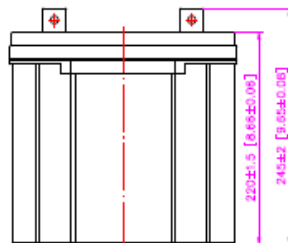
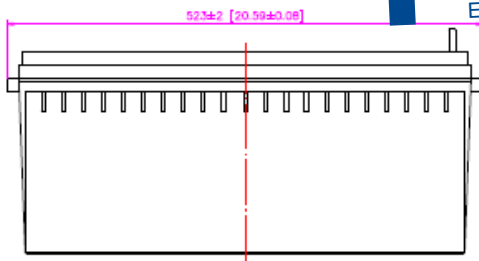
Specification:

Designed Floating Life	Up to 12 Years			
Capacity (25°C)	20HR(10.0A,10.8V)	10HR(18.7A,10.8V)	5HR(34.0A,10.5V)	1HR(115.8A,10.5V)
	200AH	187AH	170AH	115.8AH
Dimensions	Length	Width	Height	Total Height
	523mm (20.59inch)	240mm (9.45inch)	220mm (8.66inch)	245mm (9.64inch)
Approx. Weight	58.50Kg (128.99 lbs)			
Internal Resistance	Full charged at 25°C: ≤4.0mΩ			
Self Discharge	2% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4-14.6V(-30mV/°C) max. Current:60A		13.6-13.8V (-20mV/°C)	

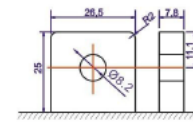


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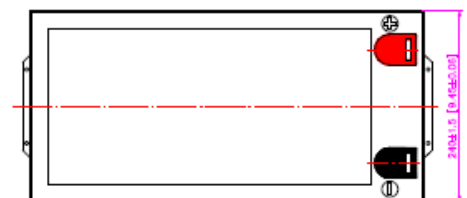
Outer Dimensions:



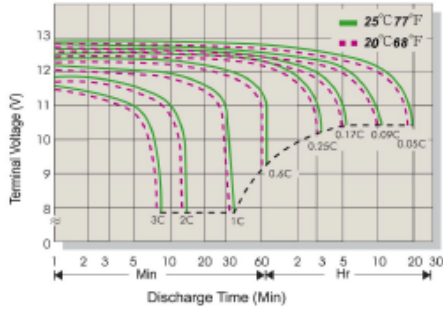
B5 Terminal



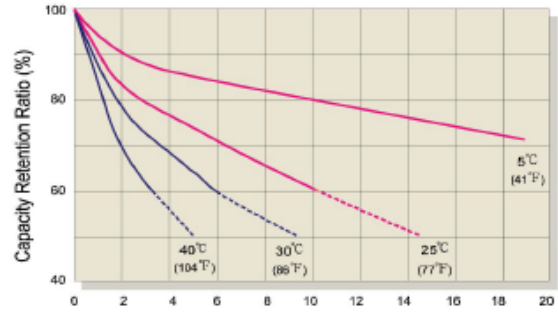
T16 Terminal



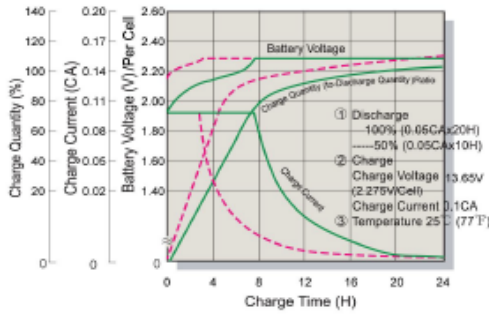
Terminal Voltage (V) and Discharge Time



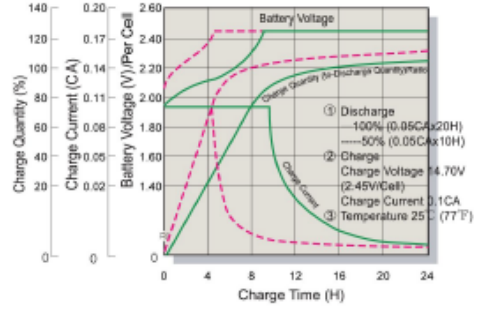
Capacity Retention Characteristic



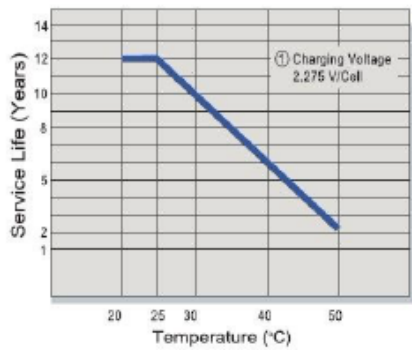
Battery VOLTage & Charge Time for Standby Use



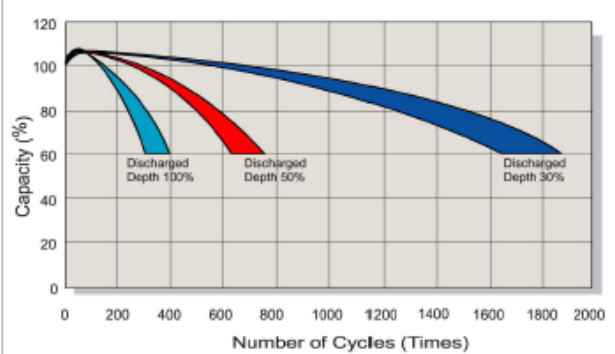
Battery Voltage & Charge Time for Cycle Use



Tickle (or Float) Service Life



Cycle Service Life



Constant Current Discharge (CC, Unit: A) at 25°C (77°F)

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
1.85V/Cell	555.5	418.3	300.9	181.2	108.9	63.6	48.4	38.5	32.0	21.7	17.5	9.4
1.80V/Cell	585.1	440.6	316.9	190.8	114.6	67.0	51.0	40.5	33.7	22.9	18.7	10.0
1.75V/Cell	591.0	445.0	320.1	192.7	115.8	67.7	51.5	40.9	34.0	23.1	18.8	10.1
1.70V/Cell	598.8	450.9	324.3	195.3	117.3	68.5	52.2	41.5	34.4	23.4	18.9	10.1
1.67V/Cell	602.8	453.9	326.5	196.6	118.1	69.0	52.5	41.7	34.7	23.6	19.0	10.2

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

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
1.85V/Cell	1055.5	794.8	571.7	344.2	206.8	120.8	92.0	73.1	60.7	41.3	33.3	17.9
1.80V/Cell	1111.7	837.0	602.1	362.5	217.8	127.3	96.9	77.0	63.9	43.5	35.1	18.8
1.75V/Cell	1122.9	845.5	608.2	366.2	220.0	128.5	97.8	77.8	64.6	43.9	35.4	19.0
1.70V/Cell	1137.7	856.7	616.2	371.0	222.9	130.2	99.1	78.8	65.4	44.5	35.9	19.3
1.67V/Cell	1145.2	862.3	620.3	373.5	224.4	131.1	99.8	79.3	65.9	44.8	36.1	19.4