25°C.Please charge batteries before using.

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

GEL Deep Cycle Battery



LIVEN LEVG Series

LEVG Pure Gel series are manufacturing with special PVC-SI02 separator and patented GEL electrolyte. The LEVG series Valve Regulated Lead Acid (VRLA) is Pure Gel with 12 years floating design life. This battery its ideal for light traction electric vehicles applications (wheelchairs, electric sweepers, golf trolleys...). Maintenance-Free Sealed Lead Acid Battery.

The number of deep discharge cycles its 450 cycles at 100% DOD and 1300 cycles at 50%.

Applications:

- · Wheelchairs
- · Electric vehicles
- · Golf trolleys
- · Lawn mowers
- · Electric sweepers
- · Portable power
- · Floor machines
- · Medical equipments

Dimensions:

Length	166±1.5mm (6.54in)
Width	175±1.5mm (6.89in)
Height	125±1.5mm (4.92in)
Total Height	125±1.5mm (4.92in)

	GEL Deep Cycle Ballery
Specifications:	
Cells Per Unit	6
Voltage Per Unit	12V
Nominal Capacity	24.0Ah @20hour-rate to 1.80V per cell @25°C
Weight	Approx.8.7Kg ±2% (19.18lbs)
Internal Resistance	Approx. 15.8mΩ
Terminal	R5.3
Max. Discharge Current	240A (5sec)
Design Life	12 years floating Eurobat (20°C): 10-12 years Long Life
Recommended Max. Charging Current	6.0A
Standby Use Voltage	13.5V~13.8V @ 25°C Temperature Compensation: -3mV/°C/Cell
Cycle Use Voltage	14.1V~14.4V @ 25°C Temperature Compensation: -4mV/°C/Cell
Operating Temperature Range	Discharge: -20°C~55°C Charge: 0°C~40°C Storage: -20°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

Technical Drawings: R5.3 Terminal

Container Material

Constant (Constant Current Discharge (CC, Unit: A) at 25°C (77°F)													
F.V. / Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	50.70	39.10	32.90	24.40	18.00	13.80	8 .57	6.32	5.08	4.25	3.64	2.85	2.46	1.26
1.67V	46.50	36.30	30.80	23.00	17.00	13.60	8 .30	6.13	4.93	4.14	3.56	2.79	2.42	1.25
1.75V	38.30	31.00	27.00	20.60	15.50	12.70	7 .70	5.76	4.68	3.95	3.40	2.69	2.35	1.22
1.80V	33.30	27.60	24.20	19.00	14.40	11.90	7 .33	5.52	4.52	3.83	3.30	2.61	2.26	1.20
1.85V	28.10	23.60	21.20	17.00	13.10	10.90	6 .81	5.16	4.25	3.64	3.15	2.51	2.13	1.17

Constant Power Discharge (CP, Unit: W/Battery) at 25°C (77°F)														
F.V. / Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	528.6	413.4	355.8	268.2	201.0	156.6	97.8	72.6	58.8	49.4	42.5	33.5	29.2	15.0
1.67V	493.2	390.6	337.2	255.6	192.0	154.8	95.4	70.8	57.2	48.3	41.6	32.9	28.7	14.9
1.75V	418.8	342.0	301.2	232.2	177.0	145.8	89.4	67.2	54.6	46.3	40.0	31.9	28.0	14.5
1.80V	368.4	307.8	273.0	216.0	165.6	138.0	85.2	64.2	52.9	44.9	38.9	31.0	26.9	14.3
1.85V	316.8	267.0	241.2	195.0	151.8	127.2	79.8	60.6	50.0	43.0	37.3	29.8	25.4	14.0















