



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%.

· Electric vehicles

· Lawn mowers

· Portable power

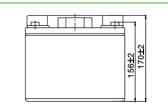
Medical equipments

Applications:

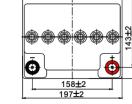
- · Wheelchairs
- · Golf trolleys
- Electric sweepers
- Floor machines
- Dimensions:

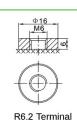
Length	197±1.5mm (7.76in)
Width	165±1.5mm (6.50in)
Height	170±1.5mm (6.69in)
Total Height	170±1.5mm (6.69in)

Technical Drawings:









Constant C	Constant Current Discharge (CC, Unit: A) at 25ºC (77ºF)													
F.V. / Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	77.50	59.80	50.60	37.60	27.80	22.20	12.80	9.63	7.61	6.51	5.63	4.40	3.68	2.10
1.67V	71.10	55.90	47.30	35.50	26.30	21.50	12.50	9.51	7.48	6.37	5.54	4.36	3.64	2.08
1.75V	59.80	48.90	42.20	32.20	24.20	20.40	12.00	9.22	7.35	6.20	5.45	4.29	3.61	2.02
1.80V	51.50	42.90	38.00	29.60	22.70	18.20	11.20	8.87	7.13	6.01	5.28	4.22	3.50	2.00
1.85V	42.90	37.20	33.40	26.60	20.20	16.50	10.20	8.08	6.56	5.71	4.99	4.05	3.43	1.94

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 638.4 249.6 811.2 550.8 416.4 312.6 145.8 111.0 88.2 75.6 65.4 51.6 43.3 25.0 1.67V 757.8 605.4 520.2 397.2 244.2 144.0 298.2 110.4 87.0 74.4 64.8 51.4 43.0 24.8 1.75V 654.0 540.6 472.8 366.0 277.8 234.6 139.2 107.4 85.8 72.6 64.2 42.7 50.6 24.2 1.80V 337.8 262.2 210.6 130.8 103.8 62.4 572.4 480.6 429.6 84.0 70.8 49.9 41.5 23.8 1.85V 483.6 421.8 382.8 306.6 235.2 192.0 119.4 94.8 77.4 67.2 59.1 48.0 40.7 23.3

GEL Deep Cycle Battery

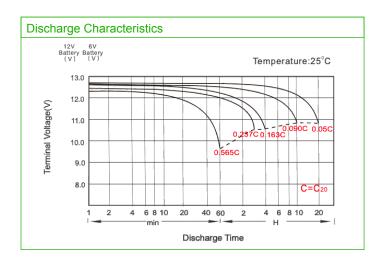
LEVG40-12

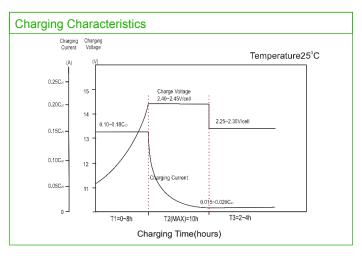
Specifications:	
Cells Per Unit	6
Voltage Per Unit	12V
Nominal Capacity	40.0Ah @20hour-rate to 1.80V per cell @25°C
Weight	Approx.13.0Kg ±2% (28.66lbs)
Internal Resistance	Approx. 10.5mΩ
Terminal	R6.2
Max. Discharge Current	380A (5sec)
Design Life	12 years floating Eurobat (20°C): 10-12 years Long Life
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 a 25°C and then recharging is recommended Monthly Self-discharge ratio is less than 3% a 25°C.Please charge batteries before using.
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.

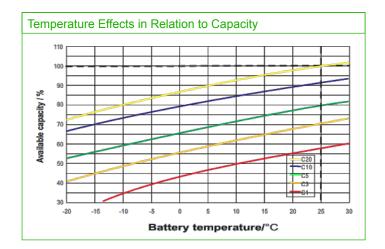


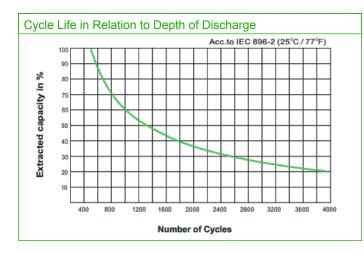


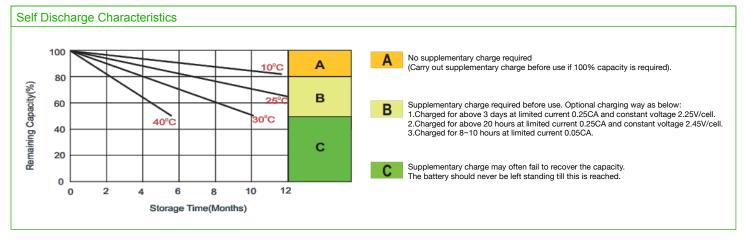












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