

## **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

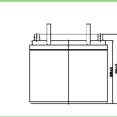
### **Applications:**

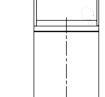
- · Wheelchairs
- · Golf trolleys
- · Electric sweepers
- · Floor machines

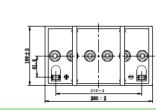
#### **Dimensions:**

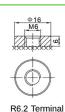
Length	260±1.5mm (10.24in)
Width	168±1.5mm (6.61in)
Height	208±1.5mm (8.19in)
Total Height	230±1.5mm (9.05in)

#### **Technical Drawings:**









Living Energy

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	142.90	110.30	93.20	69.30	51.30	45.20	25.90	19.50	15.30	13.00	11.00	8.45	6.93	3.69
1.67V	131.10	103.10	87.10	65.40	48.50	43.80	25.40	19.20	15.10	12.70	10.80	8.38	6.86	3.64
1.75V	110.20	90.10	77.90	59.40	44.60	41.60	24.40	18.60	14.80	12.40	10.60	8.24	6.80	3.56
1.80V	95.00	79.20	70.10	54.60	41.90	37.10	22.70	17.90	14.40	12.00	10.30	8.10	6.60	3.50
1.85V	79.10	68.50	61.50	49.00	37.30	33.60	20.60	16.40	13.20	11.40	9.75	7.77	6.47	3.31
1.80V	95.00	79.20	70.10	54.60	41.90	37.10	22.70	17.90	14.40	12.00	10.30	8.10	6.60	_

#### 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 1495.2 1177.2 1015.2 767.4 576.6 509.4 295.8 223.8 177.0 92.4 128.4 99.0 81.6 43.8 1397.4 958.8 732.0 1.67V 1116.0 550.2 497.4 291.6 222.6 174.6 90.0 126.6 98.4 81.0 43.3 1.75V 1205.4 996.6 871.2 674.4 478.8 217.8 87.6 125.4 80.4 511.8 283.2 172.8 97.2 42.4 430.2 1.80V 1055.4 885.6 791.4 623.4 483.0 265.8 209.4 168.0 85.8 121.8 95.4 78.0 41.7 1.85V 891.6 778.2 705.0 565.2 433.2 391.8 241.8 192.0 155.4 83.4 115.2 92.4 76.8 39.5

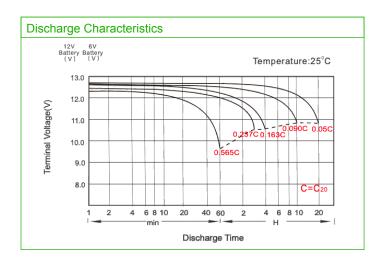
# **GEL Deep Cycle Battery**

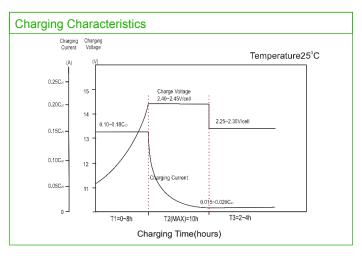
**LEVG70-12** 

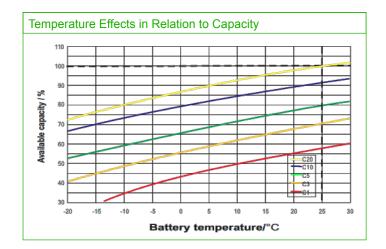
Specifications:							
Cells Per Unit	6						
Voltage Per Unit	12V						
Nominal Capacity	70.0Ah @20hour-rate to 1.80V per cell @25°C						
Weight	Approx.25.0Kg ±2% (55.12lbs)						
Internal Resistance	Approx. 6.4mΩ						
Terminal	R6.2						
Max. Discharge Current	700A (5sec)						
Design Life	12 years 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.						

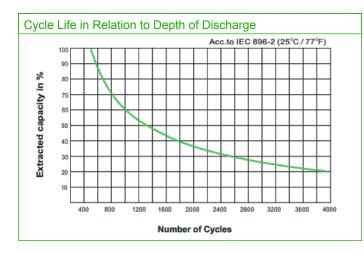


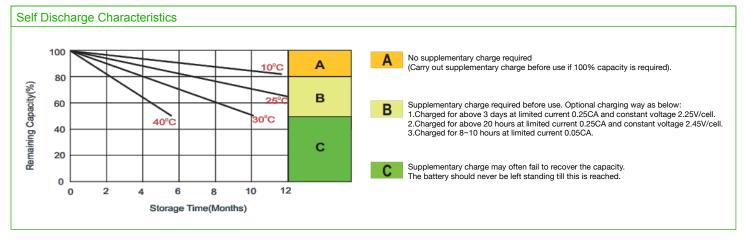












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