

Model: GW12-650WL(12V 200Ah)

## **GW** Series



Legacy Canadian products designed in Canada, assembled in China.

### VLRA High Rate Discharge Battery

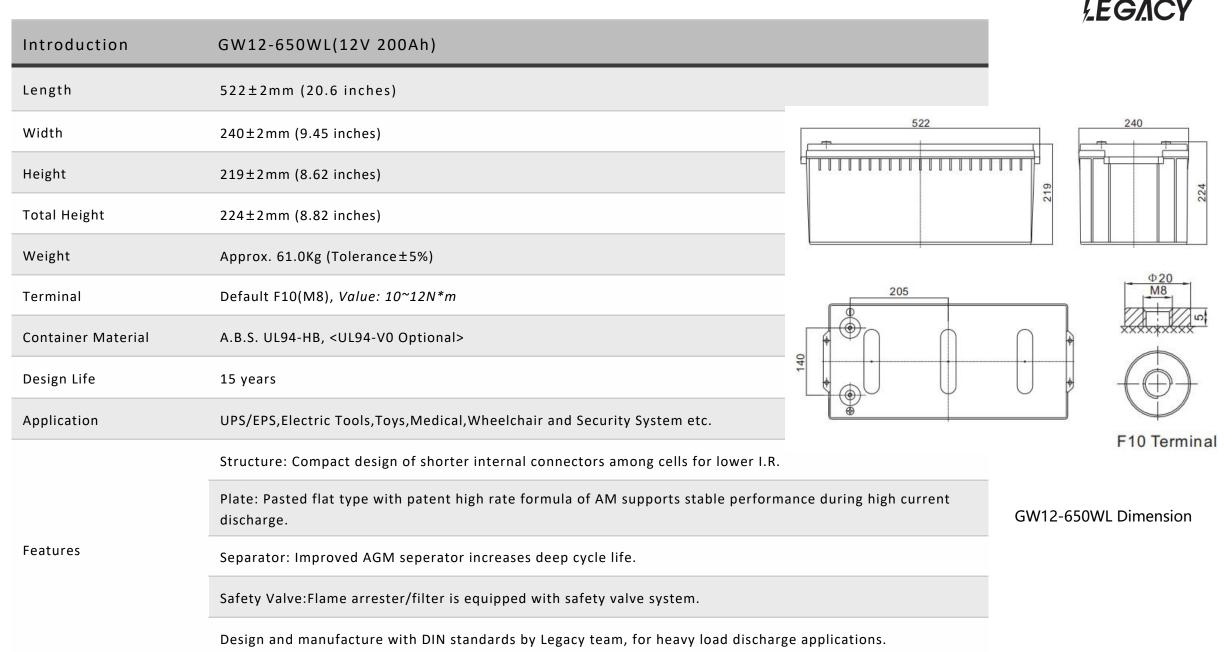
**Connecting To Legacy** 

🔎 Laval-Quebec-Canada

🔎 Beirut-Lebanon

🔎 Hongkong-China

**Q** www.connectinglegacy.com

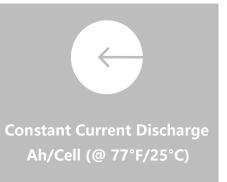


connecting to

		connecting to
Parameters	GW12-650WL (12V 200Ah)	
Cell Per Unit	6	
Voltage Per Unit	12V	
Nominal Capacity	650W@15min-rate to 1.67V per cell @25°C	
Internal Resistance	$\leq$ 3.5 m $\Omega$ (Full Charge Condition @25°C)	
Max. Discharge Current	2000A (5 sec)	WITZ 650/WILL60/WILL60/WILL00/WILL00/WILL00/WILL00/WILL00/WILL00/WILL00/WILL00/WILl00/WI WILl00/WILl
Max. Charging Current	60.0A	
Short Circuit Current	3850A	The gacy
Reference Capacity	C10: 190.0Ah C20: 200.0Ah	
Standby Use Voltage	13.50 V~13.62 V @ 25°C Temperature Compensation: -3mV/°C/Cell	
Cycle Use Voltage	14.10 V~14.40 V @ 25°C Temperature Compensation: -4mV/°C/Cell	GW12-650WL Imagine
Normal Operating Temperature Range	25°C±5°C	
Operating Temperature Range	Discharge and Storage : -20°C~60°C Charge: 0°C~50°C	
Self Discharge	Monthly Self-discharge ratio is less than 3% at 25 $^\circ \! C$	
Note	Legacy GW batteries can be stored for up to 6 months at $25^{\circ}$ C and recharging is recommended. Please charged batteries before using.	

connecting to	
<b>¿EG</b>	ACY

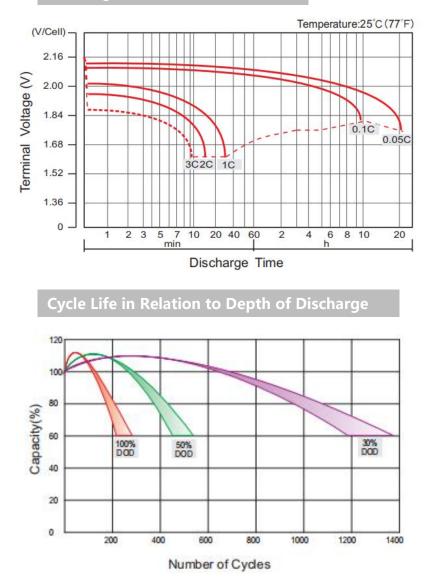
F.V/TIME	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN
1.60V	591.1	510.8	461.7	359.5	292.7	215.7	124.9	89.60
1.65V	536.4	468.4	426.7	335.2	275.1	119.1	119.1	85.95
1.70V	513.6	450.3	411.4	325.0	267.4	116.7	116.7	84.29
1.75V	474.2	419.4	385.7	307.5	254.0	112.7	112.7	81.64
1.80V	434.4	388.4	360.0	290.9	242.1	108.6	108.6	78.98
1.85V	372.9	330.9	305.0	250.2	210.1	98.12	98.12	72.01



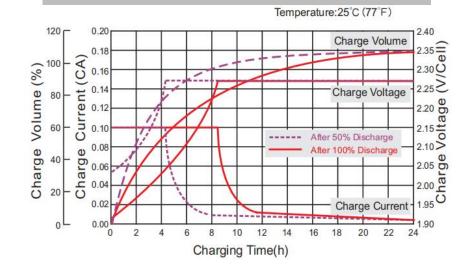
Model: GW12-650WL

F.V/TIME	5MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN
1.60V	1086	951.3	868.5	685.2	562.5	419.2	234.5	169.6
1.65V	1011	892.5	819.5	650.0	536.9	402.0	225.7	163.9
1.70V	977.7	865.7	796.7	634.9	525.3	393.9	222.0	161.6
1.75V	917.4	818.1	756.7	607.5	504.2	380.9	215.9	157.3
1.80V	853.9	767.9	714.6	580.5	485.2	367.5	209.4	153.0
1.85V	743.8	663.3	613.5	504.6	425.2	327.8	190.5	140.7

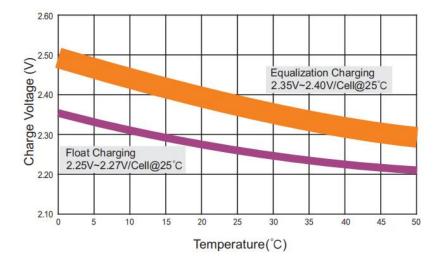
#### **Discharge Characteristics Curve**



Charge Characteristics Curve For Standby Use(IU)



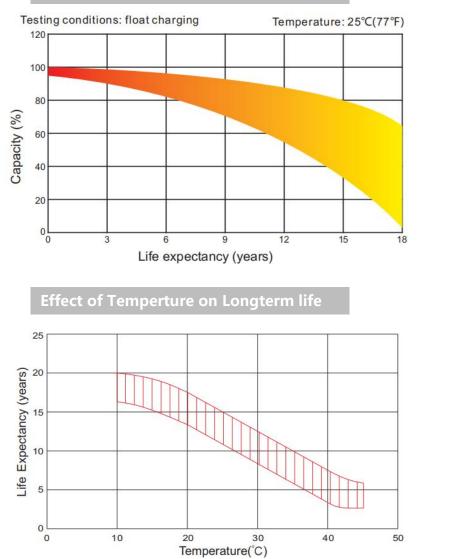
#### Relationship Between Charging Voltage and Temperture

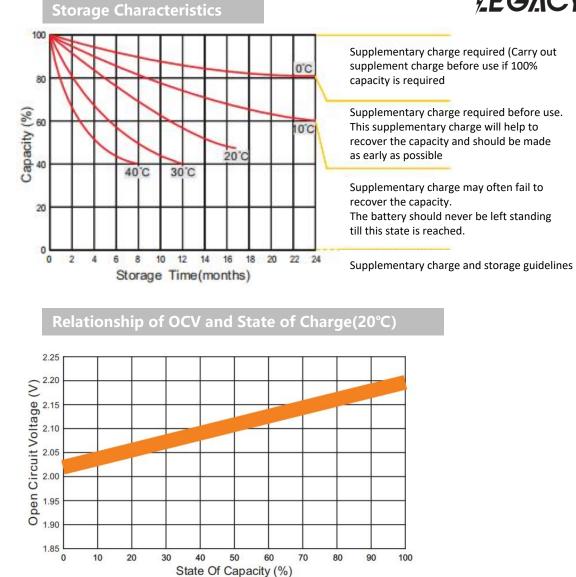


Note: The above datas are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice. Legacy reserves the right to explain and update the lastest information.









Note: The above datas are average values, and can be obtained within 3 charge/ discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice. Legacy reserves the right to explain and update the lastest information.



# LET'S DEVELOP TRUST AND BUSINESS

Connecting To Legacy