



# FLL 12-150

## PHYSICAL SPECIFICATION

Nominal Voltage		12V
Nominal Capacity (20Hr)		150Ah
Dimension	Length	485 ±2mm
	Width	172 ±2mm
	Container Height	240 ±2mm
	Total Height	240 ±2mm
Drawing 4-0		Weight 45,5 Kg ± 5%
Standard Terminal		Bolt Type: M8
		<p>Bolt-and-nut terminal Bolt Type:M8</p> <p>(in mm)</p>

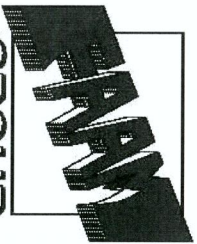
## ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 25°C (77 °F)
Capacity	20 hour rate	150,00Ah	
	10 hour rate	135,00Ah	
	5 hour rate	116,70Ah	
	3 hour rate	103,95Ah	
	1 hour rate	82,87Ah	
Capacity affected by temperature	40°C	102%	
	20°C	100%	
	0°C	85%	
Internal Resistance 3,8 mΩ ±10%		SCC 3200 A ±10%	
Constant Voltage Charge	Cycle	Initial Charging Current less than 45 A Voltage 14,70~15,00V at 20°C Temperature Coefficient -30 mV/°C	
	Stand by	No limit on Initial Charging Current Voltage 13,60~13,80V at 20°C Temperature Coefficient -20 mV/°C	

### Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 25°C

Time		5min	15min	30min	60min	90min	120min	180min	300min	480min	600min
9.9V	A	507,94	274,05	150,87	82,45	67,98	57,46	34,72	23,82	16,42	14,18
	W	828,18	462,12	296,36	195,30	142,57	110,78	80,55	56,20	37,99	31,35
10.2V	A	503,21	271,22	146,36	82,38	55,82	47,18	34,65	23,72	16,35	13,97
	W	770,40	452,90	283,22	185,40	135,34	110,25	80,17	55,38	37,44	30,99
10.8V	A	472,50	236,25	139,05	80,46	54,51	46,08	34,26	23,34	16,09	13,50
	W	642,00	400,80	268,20	180,00	131,40	105,00	76,35	53,25	36,00	30,00





**GROUP**

12V-150Ah/20Hr

FINAL VOLTAGE 10.8V  
Engineered In Italy, made in PRC

**CAUTION**

- \* Don't short circuit battery terminal.
- \* Ventilate when charging in an enclosed space.
- \* Don't discharge completely.
- \* If exposed to electrolyte <acid>, wash immediately with plenty of water.

# FLL 12-150 SEALED RECHARGEABLE BATTERY

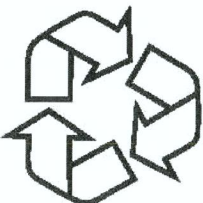
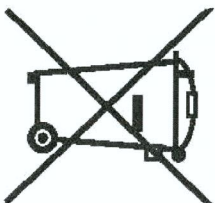
CONSTANT VOLTAGE CHARGE (AT 30°C)

STANDBY USE: 13.8V-13.8V

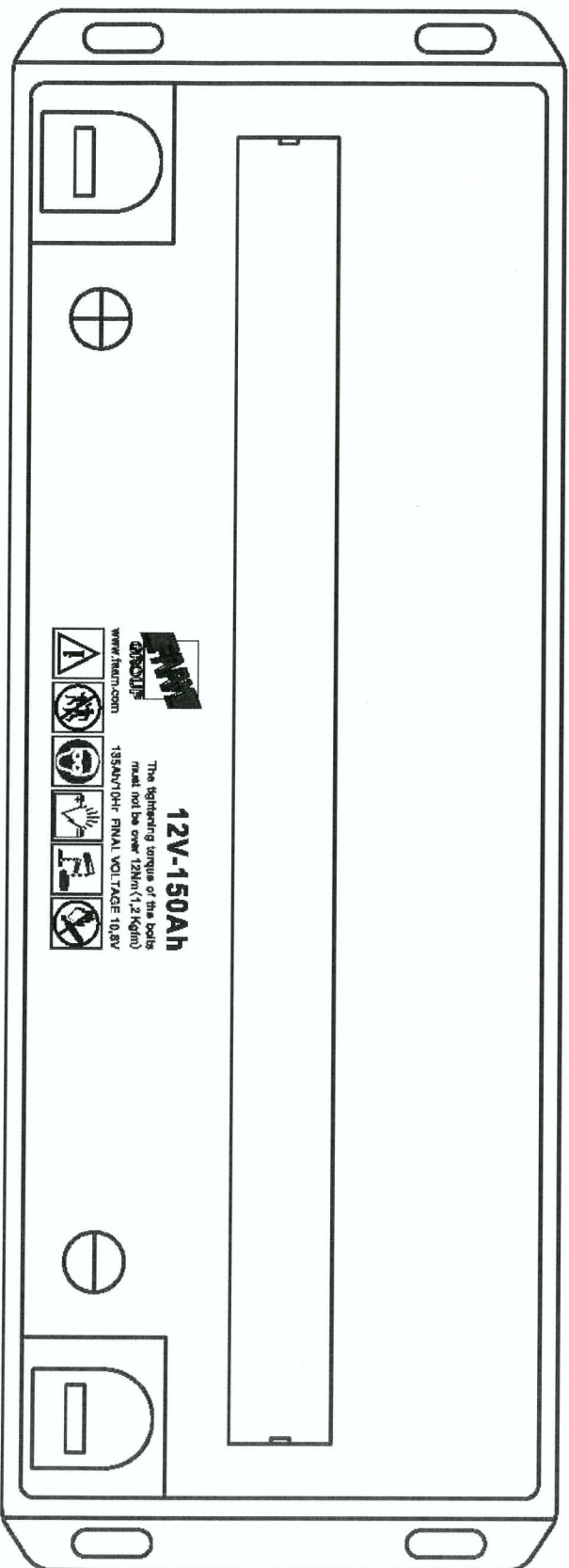
CYCLE USE: 14.7V-15.0V

INITIAL CURRENT 45A MAX

**NONSPILLABLE**



**Pb**  
Sealed Lead Battery  
Must Be Recycled Or  
Disposed Of Properly



**12V-150Ah**

The tightening torques of the bolts must not be over 12Nm (1.2kgm)

135Ah/10Hr- FINAL VOLTAGE 10.8V

[www.fllgroup.com](http://www.fllgroup.com)