

# Sealed Lead-Acid UPS Battery

PART No. 47006



**BU-HRL12340W FR  
GROUP 27**

Maintenance-Free

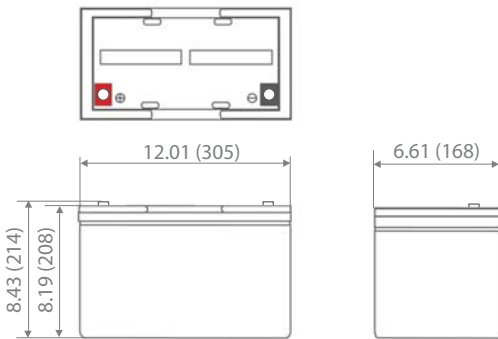


## Specification

<b>Nominal Voltage</b>	12 volts
<b>Nominal Capacity</b>	650W/cell @ 5 min. rate (1.60V/cell) 374W/cell @ 15 min. rate (1.60V/cell)
<b>Max. Discharge Current (5s)</b>	1180A (5s)
<b>Battery Life</b>	Stand by: up to 10 years
<b>Approximate Weight</b>	66.14 lbs (30 kg)
<b>Case Material</b>	ABS - 94V-0 Flame Retardant Case
<b>Internal Resistance (approx.)</b>	5mΩ
<b>AGM Operational Temperature</b>	
Charge	32°F to 104°F (0°C to 40°C)
Discharge	5°F to 113°F (-15°C to 45°C)
<b>AGM Storage Temperature</b>	5°F to 104°F (-15°C to 40°C)

<b>Charge Method (Constant Voltage)</b>	
<b>Cycle Use (Repeating Use)</b>	
Initial Current	30 A or smaller
Control Voltage	14.6-14.8 V
<b>Float Use</b>	
Control Voltage	13.6-13.8 V

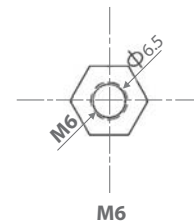
## Physical Dimensions: in (mm)



**L:** 12.01 in (305 mm)  
**W:** 6.61 in (168 mm)  
**H:** 8.19 in (208 mm)  
**TH:** 8.43 in (214 mm)  
 Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions. All data subject to change without notice.



## Terminals



## Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	3HR	5HR	8HR	10HR	20HR
1.60V	375.00	257.00	197.00	111.70	70.07	28.76	17.24	11.42	9.66	5.01
1.67V	340.00	234.00	184.00	110.00	68.85	28.36	16.63	11.22	9.56	4.98
1.70V	330.00	226.00	179.00	109.20	68.54	28.25	16.22	11.12	9.36	4.92
1.75V	300.00	205.00	165.00	108.10	67.12	27.64	15.81	10.91	9.27	4.82
1.80V	267.00	190.00	146.00	105.00	66.10	27.64	15.40	10.71	9.18	4.77

## Constant Power Discharge Characteristics Unit: W (25°C, 77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	3HR	5HR	8HR	10HR	20HR
1.60V	3900.00	2862.0	2244.0	1290.3	729.30	331.00	220.00	140.00	107.38	56.49
1.67V	3600.00	2700.0	2120.0	1276.8	722.06	324.00	213.00	136.00	107.38	56.49
1.70V	3510.00	2621.0	2088.3	1259.4	713.54	313.00	211.00	135.00	107.15	56.38
1.75V	3295.00	2480.0	2066.4	1231.4	700.86	311.00	205.00	134.00	106.59	56.10
1.80V	3071.00	2302.0	1994.4	1186.0	680.55	300.00	197.00	132.00	104.96	54.98

BU-HRL1234W FR is specially designed for high rate discharge applications requiring long service life. The patented hydro-form in case formation assures the customer of tighter battery performance tolerances for series applications, longer shelf life due to very low self-discharge rates and industry leading performance in a small foot print. Special grid alloys extend battery life in higher temperature environments and improve battery performance through improved conductance. The batteries are designed to provide over 275 cycles at 100% depth of discharge and up to 10 years in standby service applications. Approved for transport by air. D.O.T., I.A.T.A, F.A.A. and C.A.B. certified. U.L recognized under file number MH 20567.