



## HIGH RATE SERIES

- Epoxy-sealed posts eliminate leaks
- Pure lead, low calcium, high tin positive grids deliver quick high-rate power
- Puncture resistant micro-porous glass mat separators extend life
- Exclusive IPF® Technology optimizes power capacity, cell consistency, and long-term reliability
- Reinforced flame retardant (rated UL94, V0 28% LOI) polypropylene or standard polypropylene case and cover resists bulging and meets safety requirements
- Flame arresting, low pressure, self-sealing valve on flame-retardant or low-pressure, self-sealing valve on standard, maximizes gas recombination efficiency and minimizes gassing
- Computer-aided design and manufacturing ensure quality products through control of process and standards
- Case and cover heat sealed and 100% tested to prevent leaks
- Float Voltage: 2.25 volts per cell  $\pm .01$  VPC @ 77°F (25°C)
- Design life 5 years @ 77°F / 25°C (full float)
- All batteries meet or exceed IEEE-485 capacity requirements at shipment

DATA SHEET FOR PART NUMBER:  
**U1HR1500\***



\* U1HR1500S - Standard: Black Cover, Grey Case  
U1HR1500 - Flame Retardant: Charcoal Cover and Case

## Specifications

NOMINAL VOLTAGE: 12-Volt

FLOAT CHARGE VOLTAGE: 13.50 @ 77°F (25°C)

EQUALIZE CHARGE VOLTAGE: 13.8

OPERATING TEMPERATURE: 50° to 95°F (10°C to 35°C)

TERMINAL: Molded lead terminal with 1/4 x 20 brass inserts

TORQUE VALUE: 45 inch lbs.

RIPPLE: Limited to 0.5% RMS or 1.5% of the float voltage

Battery	DIMENSIONS			Weight
	Length	Width	Height	
U1HR1500	7.71 (196)	5.18 (132)	6.93 (176)	27 (12)

Chart contains dimensions in inches over millimeters and pounds over kilograms.

## Discharge Ratings in Watts Per Cell To Various End Voltages [at 77°F (25°C)]

Volts per Cell (V.P.C.)	1 Min.	5 Min.	10 Min.	15 Min.	20 Min.	30 Min.	40 Min.	50 Min.	60 Min.
1.80	—	206	141	108	89	66	53	46	39
1.75	340	223	149	113	92	68	54	47	40
1.70	376	237	156	117	95	69	55	48	40
1.67	401	247	159	119	97	70	56	49	41
1.60	452	256	162	121	98	71	57	49	41

Note: Above ratings conform to IEEE-485 standards.

Made in the U.S.A. by East Penn Manufacturing

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