

**PHR-12150** 12 Volt 36 AH @ 20-hr. rate  
150 W/Cell @ 15-min. rate

Rechargeable Sealed Lead Acid Battery  
PHR HIGH RATE SERIES



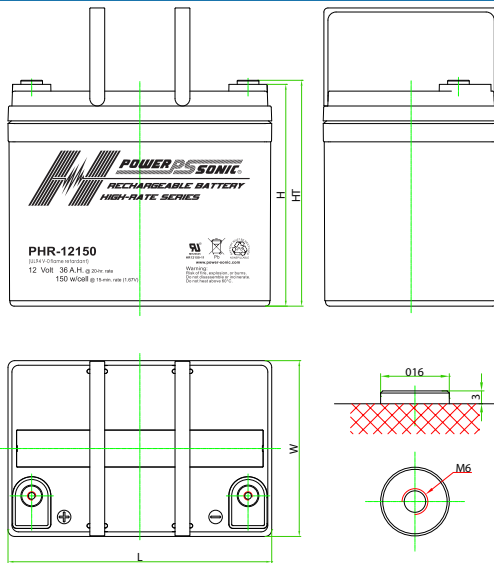
**We've Got The Power.™**



### Features

- Superb high-rate discharge characteristics that ensure reliable performance in UPS applications for up to 10 years. UL recognized
- Flame retardant ABS case and cover to UL 94 V-O for superior performance
- VRLA Absorbent Glass Mat (AGM) Technology guarantees safe operation without maintenance and "non-restricted article" status for transportation. Approved for transport by air. D.O.T., I.A.T.A. and F.A.A. certified.
- Precision plate pasting for higher consistency with 100% load testing to ensure uniform capacity
- Patented dual-paste process for enhanced active material bonding, and computer guided volumetric electrolyte control for precision filling
- Lead-calcium alloy grids and the use of high purity lead account for superior shelf-life characteristics

### Physical Dimensions: in (mm)



L: 7.68 (195) W: 5.12 (130) H: 6.46 (164) HT: 6.57 (167)

Tolerances are +/- 0.04 in. (+/- 1mm) and +/- 0.08 in. (+/- 2mm) for height dimensions.

### Performance Specifications

<b>Nominal Voltage</b> .....	12 volts (6 cells)
<b>Nominal Power</b> (15 min.) .....	150 W/Cell
<b>Rated Capacity</b>	
20-hr. (1.8A to 10.50 volts) .....	36.0 AH
10-hr. (3.5A to 10.50 volts) .....	35.0 AH
8-hr. (4.1A to 10.50 volts) .....	33.0 AH
<b>Approximate Weight</b> .....	22.5 lbs. (10.2 kg)
<b>Internal Resistance</b> (approx.) .....	7 milliohms
<b>Max Discharge Current</b> (5 Sec.) .....	630 amperes
<b>Charging Voltage @ 77°F</b>	
<b>Standby Use</b> .....	2.275 ± 0.025 V/Cell, (-3.3mV/°C/Cell)
<b>Cycle Use</b> .....	2.45±0.05 V/Cell, (-5 mV /°C/Cell)
<b>Maximum Charging Current</b> .....	10.5 A
<b>Case</b> .....	Flame Retardant ABS Plastic (UL 94 V-O)

### Constant Current Discharge (Amperes) at 25°C

### Constant Power Discharge (Watts/Cell) at 25°C (Blue)

PHR-12150	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V	102.3	73.7	59.1	49.4	37.9	28.3	22.6	12.7	9.04	7.06	5.85	5.01	3.93	3.26	1.72
1.80V	118.2	82.7	65.2	53.7	40.7	29.9	23.8	13.2	9.31	7.28	6.02	5.15	4.03	3.35	1.75
1.75V	132.8	89.9	70.3	57.2	42.7	31.2	24.7	13.5	9.54	7.46	6.15	5.25	4.11	3.41	1.79
1.70V	144.0	96.6	74.9	60.5	44.6	32.3	25.5	13.9	9.70	7.60	6.27	5.37	4.20	3.48	1.82
1.67V	156.0	103.3	79.1	63.6	46.4	33.3	26.2	14.2	10.0	7.78	6.41	5.48	4.31	3.54	1.85
1.60V	166.8	109.2	82.7	66.6	48.4	34.4	26.8	14.6	10.2	7.98	6.58	5.63	4.40	3.62	1.90
1.85V	199.0	144.2	116.2	97.6	75.4	56.4	45.2	25.6	18.3	14.3	11.9	10.2	8.05	6.71	3.55
1.80V	227.6	160.2	127.1	105.1	80.1	59.3	47.4	26.3	18.7	14.7	12.2	10.4	8.22	6.85	3.59
1.75V	253.0	172.4	135.7	111.1	83.4	61.2	48.9	26.9	19.0	14.9	12.4	10.6	8.33	6.94	3.66
1.70V	271.2	183.3	142.9	116.2	86.3	62.9	49.9	27.4	19.3	15.1	12.5	10.8	8.45	7.03	3.70
1.67V	291.5	194.5	150.0	121.4	89.3	64.5	51.2	28.0	19.7	15.4	12.7	10.9	8.62	7.12	3.75
1.60V	308.1	203.4	155.2	125.9	92.2	65.9	51.7	28.3	20.0	15.7	13.0	11.1	8.73	7.21	3.81