

# PHR SERIES

## HIGH-RATE RECHARGEABLE SEALED LEAD ACID BATTERIES



UPS



Data Center

**Power Sonic's high-rate PHR series provide constant power backup that UPS systems and critical backup applications require.**

The PHR series has been designed and developed specifically for high-rate discharge application to ensure constant, dependable power when used as battery backup or as part of a UPS system.

Power Sonic's cutting-edge manufacturing and process control combined with meticulous quality assurance procedures guarantee consistent and dependable performance.

**POWER PS SONIC**  
TRUSTED BATTERY SOLUTIONS

[power-sonic.com](http://power-sonic.com)



UPS



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## PHR SERIES

High-Rate Rechargeable Sealed Lead Acid Batteries

### FEATURES

- High-rate VRLA battery
- Specifically designed for high-rate UPS and critical power backup applications
- Valve regulated, maintenance free spill proof construction
- Precision plate pasting for higher consistency with 100% load testing to ensure uniform capacity
- Lead-calcium alloy grids and the use of high purity lead account for superior shelf-life characteristics
- Patented dual-paste process for enhanced active material bonding and computer guided volumetric electrolyte control for precision filling
- Rugged impact resistant ABS case and cover flame retardant to UL94:V-0
- High rate of charge and discharge



### SPECIFICATIONS

Model	Nominal Voltage	Watts per cell	Rated Capacity (AH)		Approx. Dimensions: inch (mm)						Approx. Weight		Terminal Type		
			20-hr	10-hr	Length		Width		Height		Total Height	lbs.		kgs.	
					15-min	1.80V/cell	1.80V/cell	inch	mm	inch					mm
PHR-1236	12	36	8.5	8	5.95	151	2.56	65	3.68	93.5	3.90	99	5.3	2.4	F2
PHR-1290	12	90	21.2	20	7.14	181	2.99	76	6.56	167	6.56	167	14.0	6.35	T12-A
PHR-12100	12	93	27	26.6	6.46	164	4.92	125	6.89	175	6.89	175	20.9	9.48	T12
PHR-12150	12	150	36	35	7.68	195	5.12	130	6.46	164	6.57	167	22.5	10.2	T6
PHR-12200	12	225	58	55	9.02	229	5.43	138	7.87	200	7.99	203	38.1	17.3	T6
PHR-12300	12	324	82	80	10.20	259	6.61	168	8.19	208	8.31	211	52.5	23.8	T6
PHR-12350	12	370	95	92.5	12.00	305	6.61	168	8.15	207	8.27	210	60.4	27.4	T6
PHR-12400	12	430	110	107	12.81	326	6.69	170	8.39	213	8.50	216	69.2	31.4	T8
PHR-12500	12	492	150	143	13.19	335	6.77	172	10.83	275	10.94	278	92.6	42	T8
PHR-12550	12	539	155	143	13.19	335	6.77	172	10.83	275	10.94	278	93.5	42.4	T8

#### CORPORATE HEADQUARTERS (USA AND INTERNATIONAL EXCLUDING EMEA)

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#### FURTHER INFORMATION

Please refer to our website [www.power-sonic.com](http://www.power-sonic.com) for a complete range of useful downloads, such as product catalogs, material safety data sheets (MSDS), ISO certification, etc.