

# PHR SERIES

## HIGH-RATE RECHARGEABLE SEALED LEAD ACID BATTERIES



UPS



Data Center

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

The PHR series has been designed and developed specifically for high-rate discharge applications 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 and meticulous quality assurance procedures guarantee consistent and dependable performance.

**POWER PS SONIC**  
TRUSTED BATTERY SOLUTIONS

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



## 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 with maintenance free spill proof construction
- Precision plate pasting for higher consistency with 100% load testing to ensure uniform capacity
- Lead-calcium alloy grids and 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:V0
- High rate of charge and discharge



### SPECIFICATIONS

Model	Nominal Voltage	Watts per cell 15-min	Rated Capacity (AH)		Length		Approx. Dimensions: inch (mm)				Approx. Weight		Terminal Type		
			20-hr 1.80V/cell	10-hr 1.80V/cell	inch	mm	Width	Height	Total Height	Lbs.	kgs.				
PHR-1236 FR	12	36	8.5	8.0	5.95	151	2.56	65	3.68	93.5	3.90	99	5.30	2.40	F2
PHR-1255 FR	12	24	14.0	13.0	5.94	151	3.86	98	3.74	95	3.98	101	8.82	3.90	F2
PHR-1290 FR	12	90	21.2	20.0	7.14	181	2.99	76	6.56	167	6.56	167	14.00	6.35	M6
PHR-12100 FR	12	93	27.0	26.6	6.46	164	4.92	125	6.89	175	6.89	175	20.90	9.48	M5
PHR-12150 FR	12	150	36.0	35.0	7.68	195	5.12	130	6.46	164	6.57	167	22.50	10.20	M6
PHR-12230-E FR*	12	231	57.8	55.0	8.50	215	6.80	173	8.70	220	8.70	220	48.50	22.00	M6
PHR-12200 FR	12	225	58.0	55.0	9.02	229	5.43	138	7.87	200	7.99	203	38.10	17.30	M6
PHR-12285-E FR*	12	287	78.8	75.0	12.00	305	6.80	173	8.70	220	8.70	220	53.20	25.00	M6
PHR-12300 FR	12	324	82.0	80.0	10.20	259	6.61	168	8.19	208	8.31	211	52.50	23.80	M6
PHR-12340-E FR*	12	338	94.6	90.0	12.00	305	6.80	173	8.70	220	8.70	220	70.60	32.00	M6

\* Manufactured in Europe - Unique case size

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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.



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			20-hr 1.80V/cell	10-hr 1.80V/cell	inch	mm	Width	Height	inch	mm	lbs.	kgs.			
PHR-12350 FR	12	370	95.0	92.5	12.00	305	6.61	168	8.15	207	8.27	210	60.40	27.40	M6
PHR-12380-E FR*	12	383	105.0	100.0	13.40	340	6.80	173	8.70	220	8.70	220	78.00	35.50	M6
PHR-12400-E FR*	12	430	105.0	100.0	13.40	340	6.80	173	8.70	220	8.70	220	78.00	35.50	M6
PHR-12400	12	430	110.0	12.81	326	6.69	170	8.39	213	8.50	216	69.20	31.40	M6	M6
PHR-12400 FR	12	430	110.0	107.0	12.81	326	6.69	170	8.39	213	8.50	216	69.20	31.40	M6
PHR-12530-E FR*	12	531	147.0	140.0	13.40	340	6.80	173	10.90	278	10.90	278	100.00	45.50	M6
PHR-12500 FR	12	492	150.0	143.0	13.19	335	6.77	172	10.83	275	10.94	278	92.60	42.00	M6
PHR-12550 FR	12	539	155.0	143.0	13.19	335	6.77	172	10.83	275	10.94	278	93.50	42.40	M6
PHR-12550 FR	12	539	155.0	143.0	13.19	335	6.77	172	10.83	275	10.94	278	93.50	42.40	M6

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