

PSH SERIES

HIGH-RATE RECHARGEABLE SEALED LEAD ACID BATTERIES



UPS



Data Center



Telecomms



Fire & Security

Power-Sonic's PSH series of high-rate sealed lead acid batteries have been designed and engineered specifically for high-rate discharge UPS applications.

The high-rate battery series have been constructed to ensure constant, dependable power when used as a battery backup or an uninterruptible power supply system. Each 6V and 12V battery in our PSH series has a UL94:V0 flame retardant case and cover option. 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



PSH SERIES

High-Rate Rechargeable Sealed Lead Acid Batteries

FEATURES

- High-rate VRLA battery
- Absorbent Glass Mat (AGM) technology for superior performance
- Designed specifically for high-rate discharge UPS applications
- Valve-regulated, spill-proof construction allows safe operation in any orientation (excluding continuous inverted use)
- Rugged impact resistant ABS case and cover flame retardant to UL94:V0
- High rate of charge and discharge
- Exceptionally high energy density



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	1.75V/cell	1.75V/cell	inch	mm	inch					mm
PSH-655	6	21	5.5	4.8	2.76	70	1.85	47	3.94	100	4.17	106	2.10	0.95	F1
PSH-1255	12	24	6.0	5.6	3.54	90	2.76	70	3.98	101	4.21	107	4.00	1.81	F2
PSH-12100	12	41	10.5	10.0	5.94	151	2.56	65	4.37	111	4.61	117	7.00	3.18	F2

UL94:V0

UL94:V0 is a standard established by Underwriters Laboratories (UL), which is a globally recognized independent safety certification company. This standard is used to evaluate the flammability of plastic materials used in various products and components.

UL94:V0 is a fire-protection standard that evaluates the ability of a plastic material to self-extinguish after being exposed to a small flame. The V0 designation indicates that the material has passed the most stringent requirements for vertical flame testing. The test involves applying a small flame to a vertically mounted specimen of the material for a specified time, then removing the flame and monitoring the material for additional burning or dripping.

SPECIFICATIONS- UL94:V0

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	1.75V/cell	1.75V/cell	inch	mm	inch					mm
PSH-655 FR	6	21	5.5	4.8	2.76	70	1.85	47	3.94	100	4.17	106	2.10	0.95	F1
PSH-1228 FR	12	8	2.8	2.6	4.01	102	1.93	49	2.36	60	2.71	69	2.60	1.18	F2
PSH-1255 FR	12	24	6.0	5.6	3.54	90	2.76	70	3.98	101	4.21	107	4.00	1.81	F2
PSH-1280 FR	12	36	8.5	8.1	5.94	151	2.56	65	3.72	94.5	3.90	99	5.80	2.61	F2
PSH-12100 FR	12	41	10.5	10.0	5.94	151	2.56	65	4.37	111	4.61	117	7.00	3.18	F2
PSH-12180 FR	12	80	21.0	20.0	7.14	181	3.03	77	6.59	167	6.59	167	13.20	5.99	NB2

GLOBAL HEADQUARTERS (USA AND INTERNATIONAL EXCLUDING EMEA)

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FURTHER INFORMATION

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