

POWER-SONIC

KEEPING YOU **IN CHARGE**

WITH RELIABILITY AND INNOVATION



POWER-SONIC
TRUSTED BATTERY SOLUTIONS

FEATURES

- Superb high-rate discharge characteristics that ensure reliable performance in UPS applications for up to 10 years
- Specifically designed for 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
- Patented dual-paste process for enhanced active material bonding and computer guided volumetric electrolyte control for precision filling
- Rugged vibration and impact resistant ABS case and cover flame retardant to UL94-V0

APPROVALS

- Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified
- U.L recognized
- ISO9001:2015 – Quality management systems



Technical data

Model	Terminal	FR	Nominal Voltage	Rated Capacity AH	Approx. Dimensions: millimeter			Approx.
					Length	Width	Height	Weight
					mm	mm	mm	Kgs.
PSH-1255	F2	FR	12V	6.0	90.0	70.0	101.0	1.81
PHR-1236	F2	FR	12V	9.0	151.0	65.0	93.5	2.40
PG-12V14	F2	FR	12V	14.0	151.0	98.0	95.0	3.78
PS-12180	M5	FR	12V	18.0	181.0	76.0	167.0	5.60
PHR-1290	M6	FR	12V	21.2	181.0	76.0	167.0	6.35
PHR-12100	M5	FR	12V	27.0	164.0	125.0	175.0	9.48
PHR-12150	M6	FR	12V	36.0	195.0	130.0	164.0	10.20
PHR-12230	M6	FR	12V	57.6	215.0	173.0	220.0	22.00
PHR-12380	M6	FR	12V	105.0	340.0	173.0	220.0	35.50
PGFT-12V105	M8	FR	12V	113.4	510.0	110.0	235.0	34.50
PGFT-12V180	M6	FR	12V	190.0	560.0	126.0	280.0	54.00

POWERPS SONIC
TRUSTED BATTERY SOLUTIONS

CONSTANT POWER DISCHARGE (WATTS/CELL) AT 25°C 1.65V/cell

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
PSH-1255	40.00	29.00	24.00	18.00	13.00	9.80	6.70	3.70	2.60	2.08	1.73	1.50	1.15	0.98	0.52
PHR-1236	62.20	44.40	36.00	28.90	20.80	14.80	11.60	6.40	4.50	3.60	3.00	2.60	2.00	1.70	0.90
PG-12V14	98.70	66.20	50.70	40.70	29.20	21.10	17.30	9.89	7.14	5.68	4.84	4.15	3.27	2.67	1.42
PS-12180	132.00	85.00	65.00	53.00	40.00	30.00	23.00	12.21	8.58	6.86	5.71	4.95	3.80	3.23	1.72
PHR-1290	151.70	108.90	90.00	71.90	51.30	36.20	28.30	15.70	11.40	9.00	7.50	6.50	5.10	4.20	2.30
PHR-12100	177.10	118.70	92.80	76.30	57.90	43.40	35.50	20.80	15.00	11.80	9.89	8.53	6.70	5.54	2.89
PHR-12150	291.50	194.50	150.00	121.40	89.30	64.50	51.20	28.00	19.70	15.40	12.70	10.90	8.62	7.12	3.75
PHR-12230	378.00	298.00	231.00	187.00	146.00	97.00	82.50	46.10	33.40	26.40	22.00	18.90	14.49	12.11	6.38
PHR-12380	626.00	489.00	383.00	309.97	236.00	158.00	135.30	75.50	54.70	43.20	36.00	31.00	23.75	19.86	10.46
PGFT-12V105	517.00	336.40	302.00	244.00	215.00	616.80	131.30	76.40	56.00	44.70	37.50	10.67	3.13	4.20	11.50
PGFT-12V180	981.00	638.30	573.50	462.90	359.80	270.90	214.80	127.50	95.60	75.60	63.10	53.30	44.10	37.30	19.60