

PS 6-12 Volt Monoblocs (5-10yr Life)

MODEL	DESIGN LIFE IN FLOAT SERVICE AT 20 DEG °C	NOMINAL VOLTAGE V	NOMINAL CAPACITY C20 (AH)	APPROXIMATE DIMENSIONS (MM) PLEASE REFER TO INDIVIDUAL DATA SHEETS FOR FULL INFORMATION				TERMINAL TYPE	CARTON QUANTITY
				LENGTH	WIDTH	HEIGHT	TH		
PS-610	5	6	1.0	50	42	51	57	FI	20
PS-612ST	5	6	1.3	97	24	51	57	FI	20
PS-630ST	5	6	3.4	134	34	60	66	FI	20
PS-640	5	6	4.5	70	47	100	106	FI	20
PS-670	5	6	7.0	151	34	94	100	FI	10
PS-682	5	6	8.0	98	56	117	117	FI	10
PS-6100	5	6	10	151	51	94	100	FI	10
PS-1212	5	12	1.2	97	43	52	58	FI	20
PS-1221	5	12	2.1	178	35	60	66	FI	20
PS-1230	5	12	3.4	134	67	60	66	FI	10
PS-1242	5	12	4.5	90	70	101	107	FI	10
PS-1270	5	12	7.0	151	65	94	100	FI	5
PS-12120	5	12	12	151	98	95	101	FI	4
PS-12170	5	12	17	181	77	165	165	T12	2
PS-12260	10	12	26	166	176	125	125	T12	2
PS-12350	10	12	35	195	130	156	177	T5	1
PS-12380	10	12	38	197	165	170	170	T6	1
PS-12450	10	12	45	197	165	170	170	T6	1
PS-12550	10	12	55	229	138	205	226	T6	1
PS-12650	10	12	65	348	167	178	178	T6	1
PS-12750	10	12	75	259	168	206	215	T6	1
PS-121000	10	12	100	305	168	206	215	T6	1

UL94-VO Flame Retardant Casing

MODEL	DESIGN LIFE IN FLOAT SERVICE AT 20 DEG °C	NOMINAL VOLTAGE V	NOMINAL CAPACITY C20 (AH)	DIMENSIONS (MM)				TERMINAL TYPE	CARTON QUANTITY
				LENGTH	WIDTH	HEIGHT	TH		
PS-6120	5	6	12	151	51	94	100	FI	10
PS-1208	5	12	0.8	96	25	62	62	WL	20
PS-1212	5	12	1.2	97	43	52	58	FI	20
PS-1221	5	12	2.1	178	35	60	66	FI	20
PS-1230	5	12	3.4	134	67	60	66	FI	10
PS-1270	5	12	7.0	151	65	94	100	FI	5
PS-12120	5	12	12	151	98	95	101	FI	4
PS-12180	5	12	18	181	77	165	165	T12	2
PS-12260	10	12	26	166	176	125	125	T12	2
PS-12400	10	12	40	197	165	170	170	T6	1
PS-12700	10	12	70	348	167	178	178	T6	1

This is a selection of our most popular models only.
If the product you require is not listed here, please contact us or refer to our website – www.power-sonic.co.uk



Terminal Types:

Please see individual data sheets or Battery Guide for the terminal types & size information.

Features – Standard Range 6-12 Volt Monoblocs (5-10yr Life)

■ Sealed Maintenance Free

Valve regulated, spill proof construction allows trouble free, safe operation in any position, except continuous use in the inverted position. The sealed system eliminates electrolyte checking and water addition. The gases generated are recombined internally during normal use.

■ Shelf Life and Storage

Special vents, high purity lead and grid alloys assure a low self-discharge rate and consequently a long shelf life. Lower storage temperatures enhance shelf life characteristics even further.

■ Standby Use

The Float Service Life, or life expectancy under continuous float charge at 20 deg is 5 years for batteries up to 17ah and 10 years for batteries with capacities equal to or greater than 26ah.

■ Cyclic Use

The number of charge /discharge cycles depends on the capacity taken from the battery (a function of discharge rate and depth of discharge) operating temperature and charging method.

■ Design Flexibility

Batteries may be used in series and/or parallel to give you a choice of voltage and capacity

■ Compact Design

Power-Sonic Batteries utilise state of the art design, highest grade materials, and a carefully controlled plate making process to provide excellent output per cell.

■ Designed-in Reliability

Cutting edge manufacturing and process control combined with strict quality assurance procedures guarantee consistent and dependable performance.

■ Wide Operating Temperature Range

Charge: -15° to 50° C

Discharge: -20° to 60° C

Storage: -20° to + 50° C (in fully charged condition)

■ Battery construction

- Sealed, maintenance free
- Leak-proof design
- High conductivity terminals
- High integrity terminal seal including compression grommet
- Low pressure non-return rubber valves
- Low resistance micro porous glass separators
- Special grid alloys for prolonged service life
- ABS plastic containers
- Immobilised dilute sulphuric acid

■ Standards

- Recognised by UL Standard
- Non-spillable classification
- IATA approved as non-hazardous
- Some models available to BS6290 Part 4
- Manufactured to ISO 9001 in Power-Sonic production facility
- Many models VdS approved

■ Cyclic Usage

- Portable tools & instruments
- Handheld lights
- Power packs
- Remote or portable data control devices
- Medical apparatus
- Battery powered wheelchairs
- Ride-on toys
- Engine starting devices
- Robotics
- Consumer electronics
- Hobby

■ Standby or Float Use

- UPS systems
- Emergency lighting
- Fire & burglar alarm systems
- Access control devices
- Telecommunications equipment
- Electronic equipment requiring memory protection
- Solar powered systems



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