

PG Series: 6-12 Volt Monoblocs (6-12yr Life)

MODEL	DESIGN LIFE IN FLOAT SERVICE AT 20 DEG °C	NOMINAL VOLTAGE V	NOMINAL CAPACITY @20 HR RATE AH	APPROXIMATE DIMENSIONS (MM) PLEASE REFER TO INDIVIDUAL DATA SHEETS FOR FULL INFORMATION				STANDARD TERMINAL TYPE	CARTON QUANTITY
				LENGTH	WIDTH	HEIGHT	TH		
PG6V220	12	6	220	332	178	228	234	T11	1
PG12V5.4	6	12	5.4	151	51	93	99	F1	6
PG12V6	6	12	6	90	70	101	107	F2	10
PG12V7.6	6	12	7.6	151	65	94	100	F2	5
PG12V9	6	12	8.5	151	65	94	100	F2	5
PG12V14	6	12	14	151	98	95	101	F2	4
PG12V21	6	12	21	182	77	167	167	T12	2
PG12V28	12	12	28	165	125	175	182	T12	2
PG12V30	12	12	30	166	176	125	125	T12	1
PG12V45	12	12	45	197	165	170	170	T6	1
PG12V60	12	12	60	229	138	205	211	T6	1
PG12V65	12	12	65	259	168	208	214	T6	1
PG12V80	12	12	80	259	168	208	214	T6	1
PG12V100	12	12	100	305	168	207	213	T6	1
PG12V110	12	12	110	330	173	212	220	T11	1
PG12V130	12	12	130	410	177	225	225	T11	1
PG12V150	12	12	150	344	171	274	280	T11	1
PG12V160	12	12	160	485	170	240	240	T11	1
PG12V220	12	12	220	522	240	218	224	T11	1

PG Series: 2 Volt Cells (15yr Life)

MODEL	DESIGN LIFE IN FLOAT SERVICE AT 20 DEG °C	NOMINAL VOLTAGE V	NOMINAL CAPACITY @20 HR RATE AH	APPROXIMATE DIMENSIONS (MM) PLEASE REFER TO INDIVIDUAL DATA SHEETS FOR FULL INFORMATION				STANDARD TERMINAL TYPE	CARTON QUANTITY
				LENGTH	WIDTH	HEIGHT	TH		
PG2V80	15	2	80	170	72	205	212	T6	1
PG2V110	15	2	107	170	72	205	212	T6	1
PG2V160	15	2	160	170	98	205	212	T7	1
PG2V215	15	2	215	170	110	328	350	T11	1
PG2V270	15	2	270	170	110	328	350	T11	1
PG2V325	15	2	325	170	150	328	350	T11	1
PG2V375	15	2	375	170	150	328	350	T11	1
PG2V430	15	2	430	210	175	330	350	T11	1
PG2V480	15	2	485	210	175	330	350	T11	1
PG2V540	15	2	540	240	175	330	350	T11	1
PG2V650	15	2	645	300	175	330	350	T11	1
PG2V860	15	2	860	410	175	330	351	T11	1
PG2V1100	15	2	1100	475	175	328	350	T11	1
PG2V1300	15	2	1290	475	175	328	350	T11	1
PG2V1600	15	2	1600	400	350	343	375	T11	1
PG2V2170	15	2	2150	490	350	343	375	T11	1
PG2V2700	15	2	2700	490	350	343	375	T11	1
PG2V3200	15	2	3200	712	350	343	375	T11	1

PG Series: 12 Volt Front Terminal Monoblocs (12yr Life)

MODEL	DESIGN LIFE IN FLOAT SERVICE AT 20 DEG °C	NOMINAL VOLTAGE V	NOMINAL CAPACITY @20 HR RATE AH	APPROXIMATE DIMENSIONS (MM) PLEASE REFER TO INDIVIDUAL DATA SHEETS FOR FULL INFORMATION				STANDARD TERMINAL TYPE	CARTON QUANTITY
				LENGTH	WIDTH	HEIGHT	TH		
PGFT12V110	12	12	110	508	110	239	239	T13	1
PGFT12V160	12	12	165	551	110	287	287	T6	1
PGFT12V190	12	12	190	551	110	287	287	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 – PG 6-12 Volt Monoblocs (6-12yr 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.
- **Long Service Life**
Thick plate design based on sturdy lead-calcium grids and advanced paste technology yield design life of up to 12 years in standby applications.
- **Standby Use**
The Float Service Life, or life expectancy under continuous float charge at 20 deg is 6 years for batteries up to 21ah and 12 years for batteries with capacities greater than or equal to 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 choice of voltage and capacity.
- **Compact Design**
Power-Sonic Batteries utilise the 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)
- **Applications**
 - UPS
 - Telecommunications
 - Emergency Lighting
 - Fire and Security
 - Renewable Energy

Features – PG 2 Volt Cells (15yr life)

- **Sealed Maintenance Free**
Valve regulated, spill proof construction allows trouble free, safe operation. The sealed system eliminates electrolyte checking and water addition and the gasses generated are recombined internally during normal use.
- **Standby Use**
The Float Service Life or life expectancy under continuous float charge at 20 deg is 15 years.
- **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)
- **Applications**
 - UPS
 - Telecommunications
 - Emergency Lighting
 - Utilities
 - Renewable Energy

Features – PGFT 12 Volt Front Terminal Monoblocs (12yr Life)

- **Sealed Maintenance Free**
Valve regulated, spill proof construction allows trouble free, safe operation and is recommended to be installed on its base. 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 12 years.
- **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.
- **Grids/Plates**
Grids of high quality Lead/Ca/Tin alloy pasted to provide consistent high quality plates.
- **Wide Operating Temperature Range**
Charge -15° to 50° C
Discharge -20° to 60° C
Storage -20° to + 50° C (in fully charged condition)
- **Applications**
 - UPS
 - Telecommunications
 - Emergency Lighting



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