

POWER SOLAR SERIES

POWER 
Power for a World of Applications

SEALED RENEWABLE ENERGY BATTERIES

ADVANCED GEL TECHNOLOGY

The Power Solar series is a line of advanced gel sealed batteries that will provide to the user a long life product when used in cycling applications. This is made possible with the use of a proprietary Advanced Gel technology that Power Battery has developed. It combines the best features of AGM and Gel into one battery design. With the addition of an advanced high density deep cycle paste mix, the result is a battery that has a wide range of capacities that will endure the rigors of cycling in high temperatures better than traditional AGM or GEL batteries. The PSG series is highly resistant to damage from vibration and rough handling, and will provide long and reliable life in a renewable energy cycling environment.



NO TRANSPORT RESTRICTIONS

- Surface transport. Classified as non-hazardous material as relates to DOT-CFR Title 49 parts 171-189.
- Maritime transport. Classified as non-hazardous material as per IMDG amendment 27.
- Air transport. Complies with IATA / ICAO, special provision A67.

CYCLE LIFE VS. DEPTH OF DISCHARGE

15% DOD	3000 cycles
25% DOD	2000 cycles
50% DOD	1100 cycles
80% DOD	600 cycles

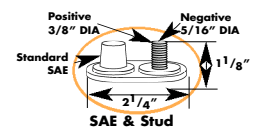
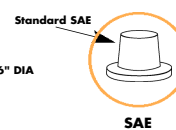
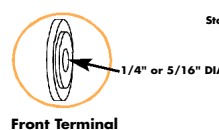
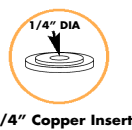
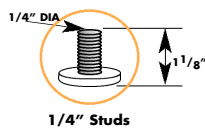
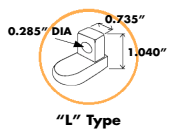
OPTIONS

- Battery cables and harnesses.
- Racks and enclosures available.
- Battery boxes.



THE POWER SOLAR GEL ADVANTAGES

- Shock absorbent polypropylene plastic. Resistant to extreme temperatures and vibration.
- Heat sealed jar & cover assembly. Eliminates the risk of both acid and electrical leaks.
- Sealed Non-spillable Advanced Gel Design.
- Advanced, high cube weight deep cycle paste mix. Enhances cycling profile while providing a longer life.
- Oversized internal components. Insures minimal voltage drop and more power availability.
- Industrial grade battery plates.
- Every battery model is equipped with lifting handles.
- Each cell comes with a safety release mechanism to prevent venting under normal operating conditions.
- Multiple operating positions (except upside down).
- 100% recyclable materials.
- Manufactured in Power Battery's Quebec facility which is powered by Hydro-Electricity. The only true "Green" battery available today.



Battery Model	Volts	C/8 Capacity		C/20 Capacity		C/100 Capacity		Dimensions (inches/mm)				Weight lbs/kg	Terminal Type
		AH	kWh	AH	kWh	AH	kWh	Length	Width	Height (case)	Top of Terminal		
PSG-1240	12	28	0.329	33	0.392	36	0.438	7.71 / 196	5.18 / 132	6.18 / 157	7.19 / 183	26.8 / 12.2	"L" Type
PSG-1260	12	46	0.541	55	0.654	58	0.731	9.00 / 229	5.43 / 138	8.31 / 211	9.50 / 241	38.9 / 17.6	1/4" Studs
PSG-1285	12	66	0.776	76	0.904	88	1.072	10.2 / 259	6.57 / 169	8.11 / 206	9.30 / 236	60.7 / 27.5	1/4" Studs
PSG-12105	12	82	0.964	91	1.082	105	1.279	12.0 / 305	6.57 / 169	8.20 / 208	9.39 / 239	72.0 / 32.7	1/4" Studs
PSG-12105FT	12	82	0.964	91	1.082	105	1.279	21.0 / 533	4.28 / 109	8.81 / 224	9.63 / 245	69.3 / 31.43	1/4" Front Terminal
PSG-12120	12	91	1.070	110	1.308	120	1.462	13.5 / 343	6.76 / 172	8.38 / 213	9.13 / 232	81.8 / 37.2	1/4" Studs
PSG-12165	12	128	1.505	142	1.688	165	2.009	13.5 / 343	6.76 / 172	10.7 / 272	10.9 / 277	101 / 45.8	1/4" C.I.
PSG-12255	12	200	2.352	220	2.616	255	3.106	21.0 / 533	8.50 / 216	8.88 / 226	10.0 / 254	178 / 80.8	SAE
PSG-12255FT	12	200	2.352	220	2.616	255	3.106	21.0 / 533	8.50 / 216	8.88 / 226	10.0 / 254	178 / 80.8	5/16" Front Terminal
PSG-6255	6	193	1.135	220	1.308	255	1.553	10.7 / 272	7.38 / 187	10.5 / 267	10.9 / 277	78 / 35.4	Dual Marine



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