



POWER-PLUS

POWER SOLAR
Series

**ADVANCED GEL
SOLAR
BATTERIES**

Advanced Gel Technology



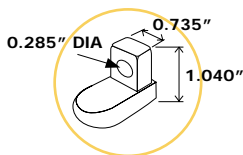
RELIABLE, ENVIRONMENTALLY FRIENDLY and COST EFFECTIVE

POWER-PLUS 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 because Power Battery uses the Advanced GEL (patent pending) design which combines the best features of AGM and GEL construction into one battery line. The result is a battery which has a wide range of capacities, will endure the rigors of high temperatures better than traditional GEL or AGM 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. The chart below provides data concerning cycle life at various depth of discharge.

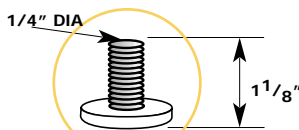
Battery Model	Volts	AH @ 100 hrs	Length	Dimensions (inches/mm)			Weight lbs/kg	Terminal Type
				Width	Height (case)	Top of Terminal		
PSG-1235L	12	30	7.71/196	5.18/132	6.18/157	7.19/183	26.8/12.2	"L" Type
PSG-1255S	12	55	9.00/229	5.43/138	8.31/211	9.50/241	38.9/17.6	1/4" Studs
PSG-1290S	12	80	10.2/259	6.57/169	8.11/206	9.30/236	60.7/27.5	1/4" Studs
PSG-12100S	12	110	12.0/305	6.57/169	8.20/208	9.39/239	72.0/32.7	1/4" Studs
PSG-12150C	12	145	13.5/343	6.76/172	10.7/272	10.9/277	101/45.8	1/4" C.I.
PSG-12250	12	195	21.0/533	8.50/216	8.88/226	10.0/254	178/80.8	SAE
PSG-6225S	6	240	10.7/272	7.38/187	10.5/267	10.9/277	78/35.4	5/16" C.I.

POWER-PLUS SOLAR GEL ADVANTAGE

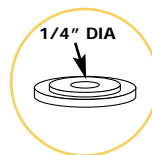
- Shock absorbent polypropylene plastic. Resistant to extreme temperatures and vibration.
- Heat sealed jar & cover assembly. Eliminates the risk of both acid and electrical leaks.
- Maintenance free construction design.
- Advanced GEL design. Provides deep cycle capability throughout the life of the battery.
- Oversized internal components. Insures minimal voltage drop and more power availability.
- Industrial grade battery plates. Out lasts wet lead acid batteries of similar caliber.
- Every battery model is equipped with lifting handles excluding the 6 volt model.
- Each cell comes with a safety release mechanism to prevent venting under normal operating conditions.
- Multiple operating positions (except upside down).
- 100% recyclable materials.



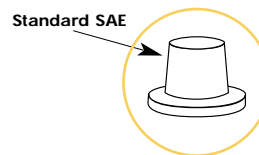
"L" Type



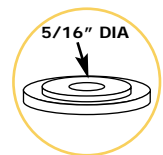
1/4" Studs



1/4" Copper Insert



SAE



5/16" Copper Insert

Cycle Life VS. Depth of Discharge

20% DOD	1400 cycles
50% DOD	700 cycles
80% DOD	400 cycles

Options

- Battery cables and harnesses.
- Battery boxes.
- Other models available.

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.

