



The Arco Solar Series Advanced GEL Batteries are designed and manufactured to handle every aspect of the demanding solar & back-up power industry. The SSG series of batteries are built to withstand wide range of environments, storage, extreme operating conditions and charge/discharge cycles that Solar & Back-Up applications require.



Models

SSG 105:	12V / 105 Ah @ C100 Hrs Solar Battery
SSG 150:	12V / 150Ah @ C100 Hrs Solar Battery
SSG 225:	12V / 225 Ah @ C100 Hrs Solar Battery
SSG 250:	12V / 250Ah @ C100 Hrs Solar Battery

Over five decades of field experience in the solar energy and battery technology fields brought the team together to found Arco Battery. With a simple goal to combine this experience and create a battery that could withstand the harshest environments, in the most remote locations around the world.

And with this goal set, we created the Arco Solar Series GEL + (SSG Range) of batteries in 2010. Today, over a decade later and with a reputation as one of the most robust off grid solar and back-up power battery available, we have supplied over 50,000 batteries to customers across the world.



Features

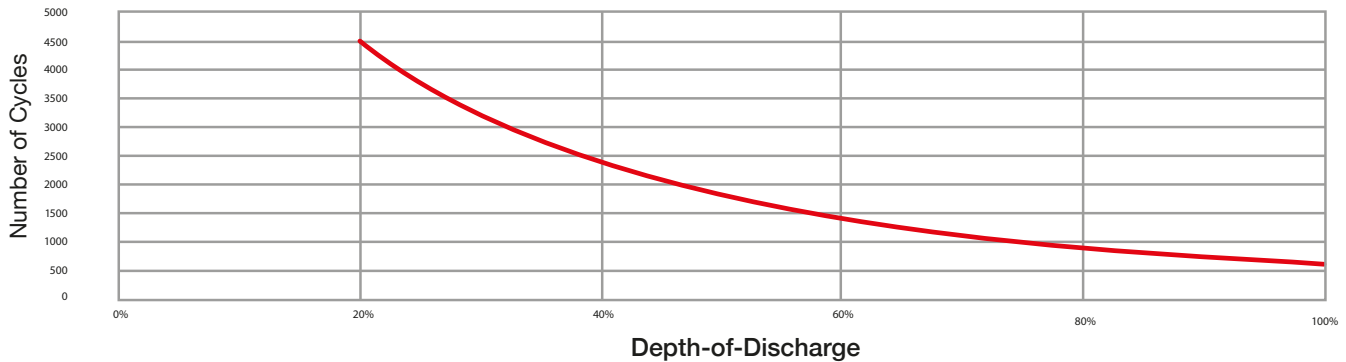
- Advanced GEL Technology, provides deep cycle capability and better recharge profile throughout the life of the battery.
- Available in High Temperature technology, which permits normal life at temperatures up to 90°F (32°C).
- Gas recombination greater than 99%.
- Sealed Non-spillable construction. Needs no water additions and will not allow electrolyte spills.
- Shock absorbent polypropylene plastic. Resistant to extreme temperatures and vibration.
- Operates at a low internal pressure.
- Thermally welded case to cover bond, eliminates the risk of acid and electrical leaks.
- Oversized internal components insures minimal voltage drop and more power availability.
- Each cell has a low pressure safety release venting system to prevent explosions, recognized per U.L. 924.
- Industrial grade battery plates.
- Puncture proof separator.
- Measured high acid vacuum fill, reduces electrical variability between cells.
- Can be used in any position, except upside down.
- Lifting handle.
- 100% recyclable materials.



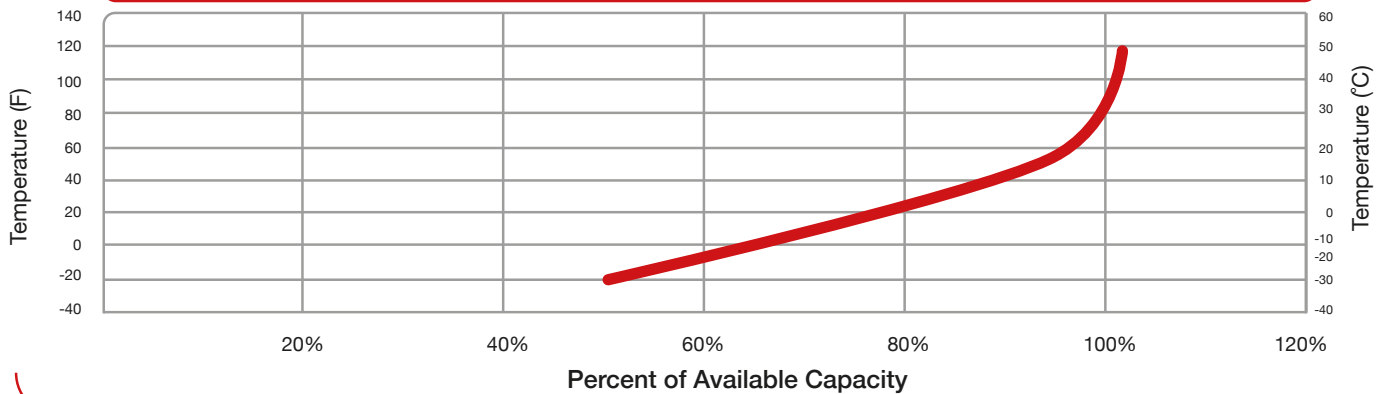
General Specifications & Graphs

Model	Nominal Volt	Rated Capacity @ C100 Hr. Rate	Length	Width	Height	Approx. Weigh	Terminal Type
ARCO SSG 105	(V)	(Ah)	mm	mm	mm	Kg	Type
ARCO SSG 105	12	105	328	172	222	30	F12
ARCO SSG 150	12	150	340	173	280	43	F12
ARCO SSG 225	12	225	522	240	219	60	F10
ARCO SSG 250	12	250	521	269	204	67	F10

Solar Series GEL+ Cycle Life Vs. Depth of Discharge at +25°C



Capacity Vs. Operating Temperature



No Transport Restrictions

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



www.arcobattery.com



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