



# arco

B A T T E R Y

SOLAR SERIES **GEL +**



*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 is built to withstand the wide range of environments, storage, extreme operating conditions and charge/discharge cycles that Solar & Back-Up applications require.*



## 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.



## Models

SSG 45:	<b>12V / 45 Ah @ C100 Hrs Solar Battery</b>
SSG 85:	<b>12V / 85 Ah @ C100 Hrs Solar Battery</b>
SSG 105:	<b>12V / 105 Ah @ C100 Hrs Solar Battery</b>
SSG 225:	<b>12V / 225 Ah @ C100 Hrs Solar Battery</b>

Based on 18 years' experience in research and development, the Arco Battery SSG range is specifically designed for Solar and Back-Up Power applications.

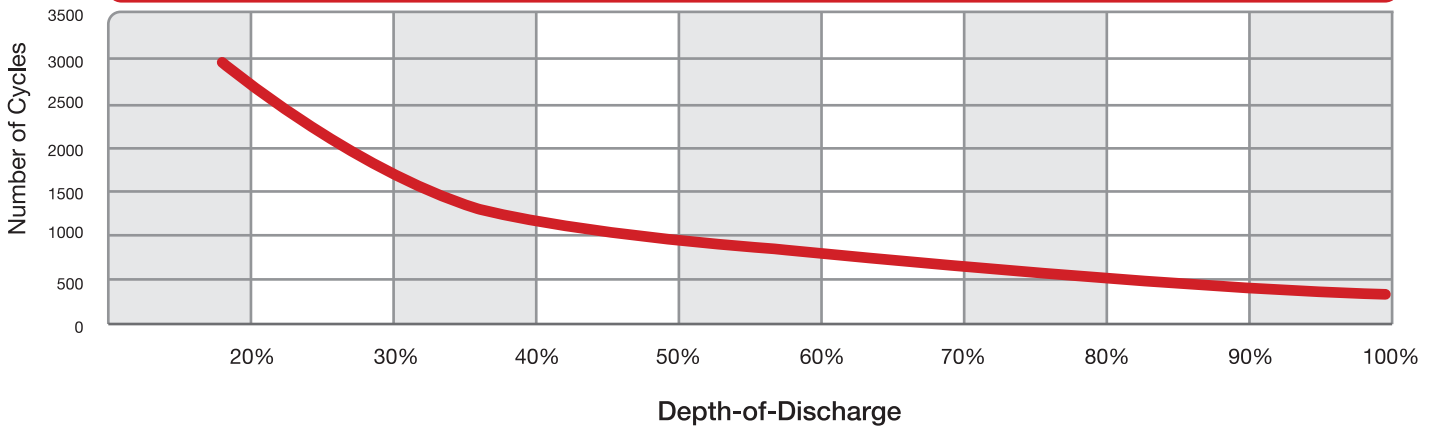
Using the latest technology, that combines the rugged reliability at proven GEL technology with the added advantage of AGM battery efficiency at high operating temperatures, the new Advanced GEL Technology provides the best of both worlds for applications in Solar Power and Back-Up Power Solutions.



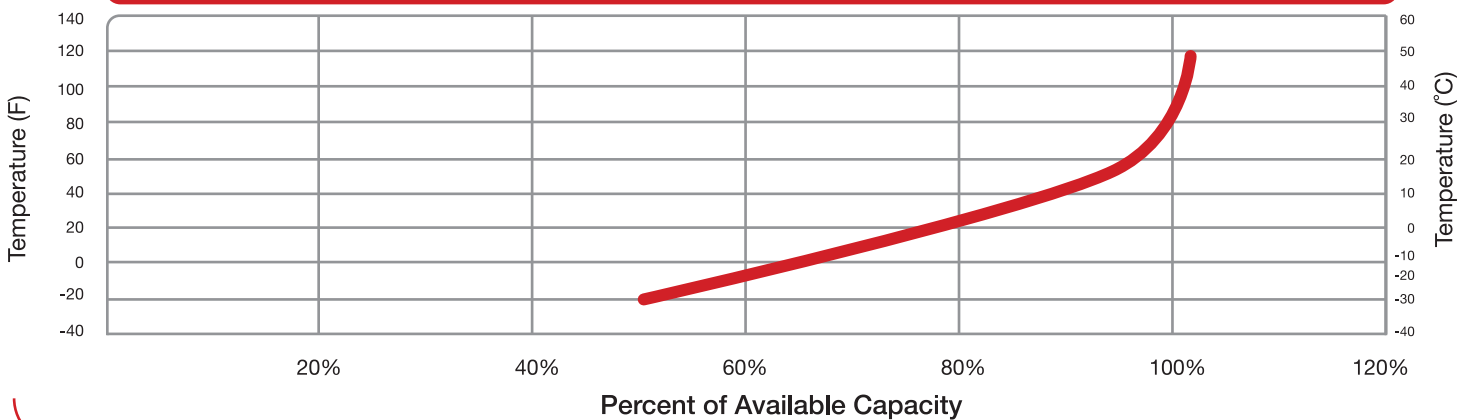
## General Specifications & Graphs

Model	Nominal Volt	Rated Capacity @ C100 Hr. Rate	Length	Width	Height	Approx. Weigh	Terminal Type
	(V)	(Ah)	mm	mm	mm	Kg	Type
ARCO SSG 45	12	45	198	166	171	13.2	F4 / F11
ARCO SSG 85	12	85	260	169	210	23.5	F11 / F15
ARCO SSG 105	12	105	328	172	222	30	F10
ARCO SSG 225	12	225	522	240	219	60	F12

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.



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[www.arcobattery.com](http://www.arcobattery.com)

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