



**MOST ADVANCED
SOLAR TECHNOLOGY**

**MORE
WARRANTY
THAN
ANY
OTHER
BATTERY**



**BATTERIES THAT STORES
THE SUN AND RELEASE IT
WHEN NEEDED**

Solarin batteries are designed to do maximum charging from the sun.

Solar charging helps savings in electricity bill. Solarin batteries can last up to ten years*.

It has unique deep cycle high-density plate technology gives higher backup than any other batteries of the same class.

EXTRA LIFE, DEEP CYCLES, GERMAN TECHNOLOGY

Specially designed composition of lead antimony and selenium is used to cast grids, which ensures low oxidation conversion, low corrosion hence longer battery life. Correctly designed grids ensure low loss of current during charge and discharge process hence better efficiency of Solarin battery. Correct packed density of tubular positive plates ensures revival of battery from deep discharge state with low charging current.

Solarin's entire system performs best when supported by batteries that are specially designed for them.

TECHNICAL CHARACTERISTICS	
Low Maintenance	Once in a year
Low Self Discharge	<2.5% per month
High Ah Efficiency	>93%
High Wh Efficiency	>80%
High Charging Characteristics	20% of C10 rating upto 13.6 V
Service life under normal operating condition**	Upto 10 years
Extraordinary Long Life**	DOD No of Cycles
	80% > 1600
	50% > 3500
	20% > 8000
Long Endurance hrs. **	>2200hrs.



MODEL NO.	NOMINAL /VOLTAGE	CAPACITY	DIMENSION (MM)			WARRANTY IN MONTHS**
			LENGTH	WIDTH	TOTAL HEIGHT	
SOLARIN ADVANCE SOLAR BATTERIES						
SSPS ADV 40	12	40 AH	409	173	230	36/48
SSPS ADV 80	12	80 AH	505	218	256	36/48
SSPS ADV 120	12	120 AH	503	190	407	36/48
SSPS ADV 150	12	150 AH	503	190	407	36/48
SOLARIN ADVANCE HITECH SOLAR BATTERIES						
SSPS HT ADV 40	12	40 AH	409	173	230	60/72
SSPS HT ADV 80	12	80 AH	505	218	256	60/72
SSPS HT ADV 120	12	120 AH	505	218	256	60/72
SSPS HT ADV 150	12	150 AH	505	218	256	60/72

*Warranty Conditions apply. ** For Model USB 100/120/150. *** Solarin Advance and Hitech Advance Solar Batteries are warranted only with use in Solar systems. Warranty is Void when used in non-solar applications. Advance Batteries 36 Months with any solar system and 48 Months when used in Solarin PCU and Solarin Modules. Hitech Advance Batteries 60 Months with any solar system and 72 Months when used in Solarin PCU and Solarin Modules.

SOLAR BATTERY APPLICATIONS

- Solar power plants for commercial & residential use
- Solar mini power plant for small homes & schools
- Solar Inverter
- Solar home lighting system
- Solar street lighting system



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Customer Care
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Dealer's Stamp