

FUSION SOLAR BATTERY

3 YEAR
WARRANTY

2 VOLT CBS SOLAR SERIES

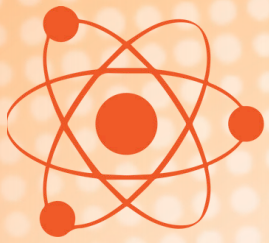
SOLAR - FARM - GREEN ENERGY

- **High Performance Genuine AGM Battery - Non-spillable Dry Cell**
- **8 - 12 year Design Life**
- **Enhance Overcharge Endurance & Over Discharge Recovery Properties**
- **Lower Acid Density, Excess Electrolyte & Larger Distance between Plates - To keep battery at lower temperature and slow down plate grid corrosion speed**
- **Uses Oxygen Recombination Technology - Never needs filling**
- **Longer Service Life**
- **Absorbed Glass Matt Separators (AGM)**
- **Can Handle Extended Periods in Discharge State**
- **High Purity Raw Material - Ensuring a low discharge rate**
- **Superior Design & Quality - Manufactured to Quality Assurance Standard ISO 9001**
- **Flame Retardant ABS Plastic - Making it the safest available in Australia**
- **When Failure is not an Option - Use only Fusion AGM Batteries**



QUALITY ASSURANCE
ISO 9001

superstart.com.au



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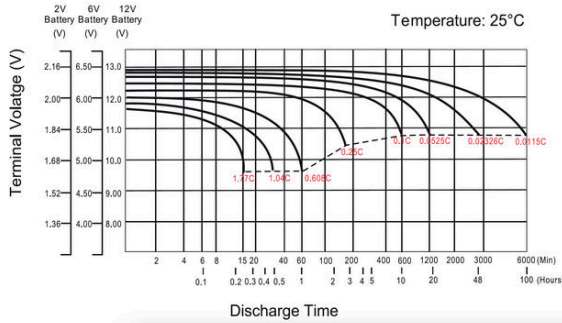
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TYPICAL APPLICATIONS

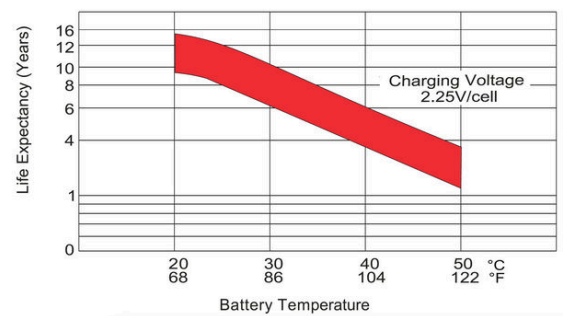
- Green Energy Systems
- Solar Power
- Communication Systems
- House Power
- Farm & Agricultural Power
- Other Speciality Applications

TECHNICAL DIAGRAMS

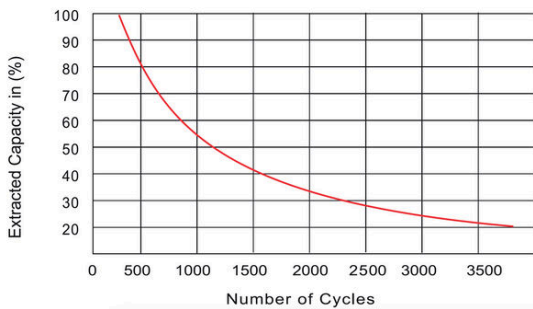
DISCHARGE CHARACTERISTICS



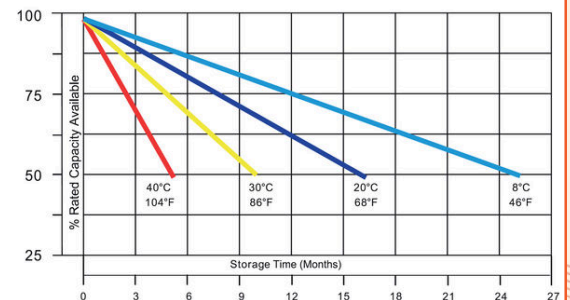
EFFECT OF TEMPERATURE ON LONG TERM FLOAT LIFE



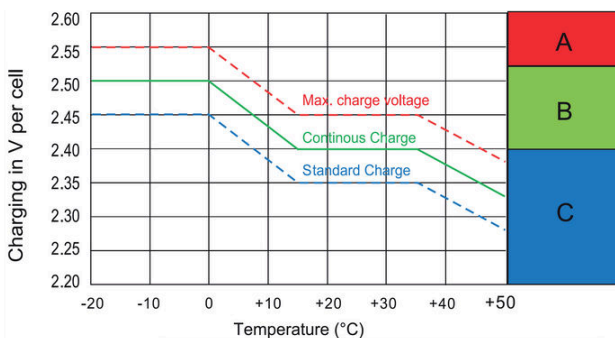
CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



SELF-DISCHARGE ON DIFFERENT TEMPERATURES



CHARGE MODE



A

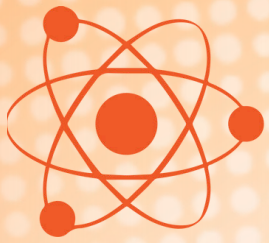
With switch regulator (two-step controller charge on curve max. charge voltage for max. 2hrs/day the switch over to continuous charge.

B

Standard charge without switching.

C

Boost charge (Equalizing charge with external generator) charge on curve continuous charge for max. 5hrs/month, then switch over to curve Standard charge.



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SOLAR - FARM - GREEN ENERGY

Fusion 2 Volt CBS Solar Series batteries are a genuine AGM VRLA (Valve Regulated Lead Acid) battery that is completely sealed, spill proof, and can be used upside down or on their side. Its state-of-the-art design uses oxygen recombination technology meaning that the battery never requires filling and can be used in confined or poorly ventilated spaces.

Fusion CBS Series are specifically designed for solar & green energy systems and are suited to almost all Australian climates including Australia's top end.

We use advanced engineering techniques to ensure that Fusion CBS Series batteries remain one of the highest quality batteries available in Australia's not to mention its lower acid density, excess electrolyte & larger distance between plates to keep the battery at lower temperatures and slow down plate grid corrosion speed.

Fusion CBS Series also features enhanced overcharge endurance and over discharge recovery properties that enables the battery to better handle longer periods of time in a discharge state (ie when solar energy is limited due to cloud cover).

Fusion CBS Series batteries are manufactured to Quality Assurance Standard ISO 9001 and are made using Flame Retardant ABS Plastic, making it the one of the most versatile and safest battery available in Australia.

When failure is not an option, insist on Fusion AGM Batteries.

SPECIFICATIONS

PART NUMBER	DESCRIPTION	VOLTS	RATED CAPACITY (AH)					DIMENSIONS				ASSEMBLY FIGURE	TERMINAL TYPE	WEIGHT (KG)	WARRANTY
			100HR	20HR	10HR	5HR	1HR	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	Terminal Height (mm)				
CBS2V115AH	CBS 2V Solar AGM	2	115	106	100	86	62	170	72	205	212		T6	6	3 years
CBS2V230AH	CBS 2V Solar AGM	2	230	212	200	173	121	170	110	328	348		T11	13.4	3 years
CBS2V350AH	CBS 2V Solar AGM	2	350	318	300	256	182	170	150	330	350		T11	18.8	3 years
CBS2V450AH	CBS 2V Solar AGM	2	460	424	400	345	242	210	175	330	350		T11	25.5	3 years
CBS2V500AH	CBS 2V Solar AGM	2	518	477	450	388	272	210	175	330	350		T11	26	3 years
CBS2V700AH	CBS 2V Solar AGM	2	700	642	600	527	353	300	175	330	350		T11	37	3 years
CBS2V900AH	CBS 2V Solar AGM	2	900	848	800	690	484	410	175	330	350		T11	50.4	3 years
CBS2V1350AH	CBS 2V Solar AGM	2	1350	1272	1200	1035	726	475	175	328	350		T11	63.8	3 years

QUALITY ASSURANCE
ISO 9001

