

EverExceed[®]
power your applications

EverExceed Spiral AGM Batteries



www.everexceed.com



PURE LEAD SPIRAL AGM TECHNOLOGY!



SUPER POWER!



MAINTENANCE FREE!



SUPER FAST CHARGING ABILITY!



Up to 4.5CA
quicker recharging
45 minutes
recharge 95%



No gasging or
unpleasant smells,
100% spill-proof



Performs well under
extreme temperatures



Up to 18CA
super power
discharge ability



Over 15 times more
vibration resistance



100% spill-proof



Low internal resistance
allows for better
sound quality

EVEREXCEED TOPSURE® DEEP CYCLE AGM BATTERIES FOR EXTREME APPLICATIONS

EverExceed TopSure® batteries are made for the extremes in which you will need more from your battery. EverExceed TopSure® batteries with advanced technology deliver deep cycle characteristics coupled with an extreme resistance to vibration. This combination provides performance vehicles with the repetitive power they need in a spill-proof package. EverExceed TopSure® batteries can provide the extra excellent performance and cycling capability that your vehicle demands. Especially there may be a lot of accessories such as high performance stereo/AV systems, extra lights, winches or hydraulics which demands more from its battery.



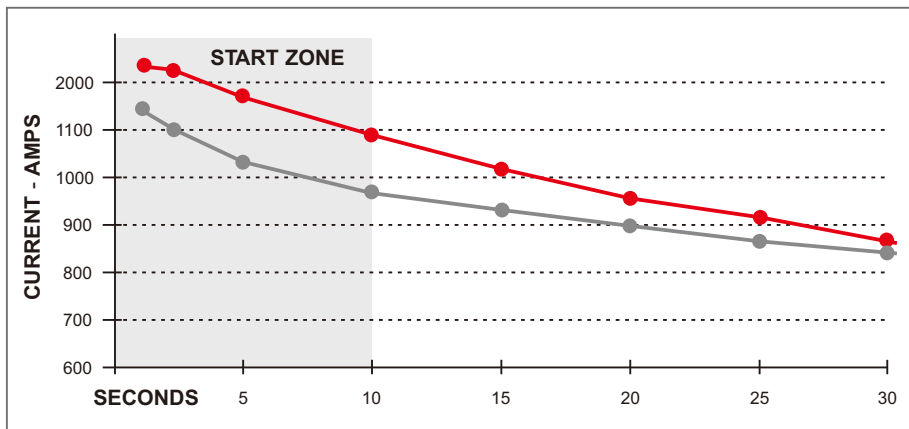
MUCH MORE EXCITEMENT POWERED BY EVEREXCEED TOPSURE® SPIRAL AGM BATTERIES

EverExceed TopSure® Spiral AGM batteries can withstand the high temperatures in tuner, truck, SUV, and 4x4 vehicles with performance engines. The EverExceed TopSure® Spiral AGM batteries sealed VRLA construction make 100% assurance for the battery spill-proof and maintenance free, so there's no chance of potential damage from battery acid. In addition, EverExceed TopSure® Spiral AGM batteries can withstand incredible amounts of vibration as the EverExceed TopSure® advanced Spiral AGM technology in EverExceed VRLA batteries immobilizes the internal components of the battery.

THE EVEREXCEED TOPSURE® SPIRAL AGM BATTERIES DUAL PURPOSE DEEP CYCLE / STARTING FOR MARINE / RV APPLICATIONS

EverExceed TopSure® Spiral AGM maintenance free batteries will longer your water time in yachting, sailing, or cruising the sea in your motorboat and always be your reliable companion for it's advanced technology which means more running time, shorter recharge time and twice the life of traditional marine batteries. In addition, its spill-proof can be stored longer and has 15 times the vibration resistance, not to mention its superior heat resistance.

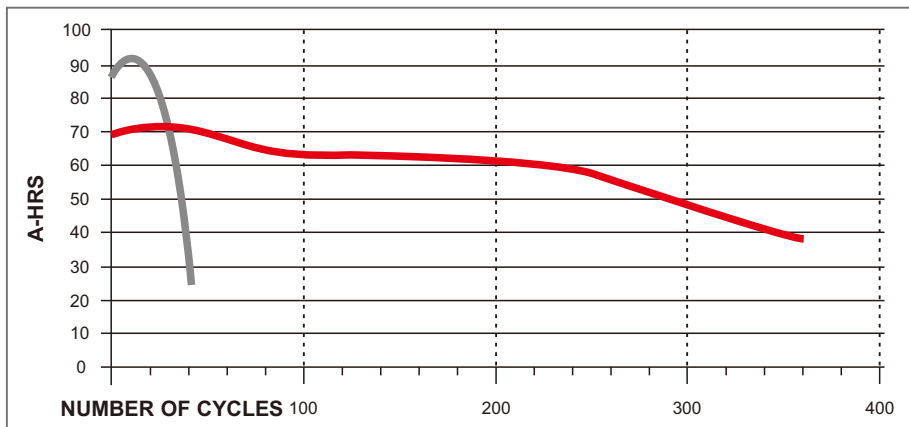




More Starting Power

EverExceed Topsure® Spiral AGM batteries deliver a higher level of power to the starter in the critical first 10 seconds of the vehicle starting cycle.

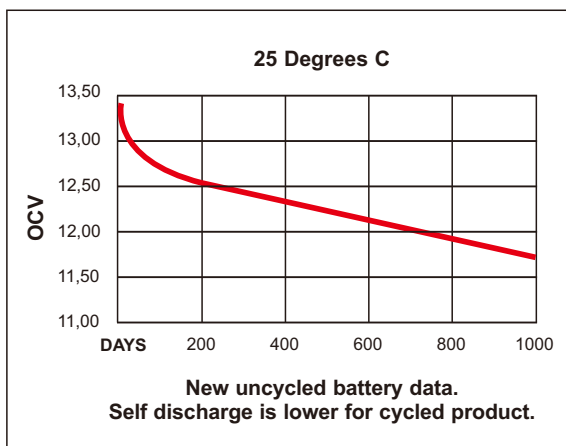
- EVEREXCEED TOPSURE®
- TRADITIONAL BATTERY



Repetitive Reserve Capacity

EverExceed Topsure® Spiral AGM batteries have the ability to withstand significantly more discharge/recharge cycles and still accept a high percentage of the original full capacity.

- EVEREXCEED TOPSURE® 80Ah/C20
- TRADITIONAL BATTERY 110Ah/C20



Long Shelf Life

EverExceed Topsure® Spiral AGM batteries are ideal for vehicles that are used seasonally because of their low self-discharge rate. All batteries that sit unused for extended periods of time will begin to lose charge. But EverExceed Topsure® Spiral AGM batteries retain a significantly greater amount of power, enough to start large vehicles like tractors, harvesters, and recreational vehicles even after a long winter of no use.

Super Fast Charging Ability

EverExceed TopSure® Spiral AGM batteries deliver super power with fast charging ability, it is able to accept 4.5CA current and charge 95% capacity with 45 minutes only!

Large Current Discharge Ability

EverExceed TopSure® Spiral AGM batteries are able to support up to 18CA discharge applications!

CHARGING INFORMATION

ALTERNATOR: 13.8 to 15.0 volts

BATTERY CHARGER (*Constant Voltage*):
13.8 to 15.0 volts, 10 amps, 12-15 hours approximate

FLOAT CHARGE:
13.2 to 13.8 volts, 1 amp maximum current

RAPID RECHARGE (*Constant Voltage Charger*):
Maximum voltage 15.6 volts. No current limit as long as temperature remains below 50°C.
Charge until current drops below 1 amp.

RECHARGE TIME:
(*Example assuming 100% discharge - 10.5 volts*)

AMPERAGE	APROX. TIME TO 90% CHARGE	
	4,2	5,5
100 amps	35 minutes	52 minutes
50 amps	75 minutes	112 minutes
25 amps	140 minutes	210 minutes

Recharge time will vary according to temperature and charger characteristics. When using Constant Voltage chargers, current will taper down as the battery becomes recharged. When current drops below 1 amp, the battery will be close to a full state of charge.

CYCLIC APPLICATION OR STRING SERIES APPLICATIONS:
Constant Voltage with Constant Current finish (CC/CV):
14.7 volts, temperature < 50°C, no current limits. When current falls below 1 amp, finish with 3 amps constant current for 1 hour for type 5,5 and 2 amps for all other types.

(*All charge recommendations assume an average room temperature of 25°C*)



EVEREXCEED TOPSURE® SPIRAL AGM BATTERIES

Model	SB-1228	SB-1238	SB-1245	SB-1248	SB-1255A	SB-1255B	SB-1280
Voltage(V)	12						
Capacity(C20)	28	38	45	48	55	55	80
Length(mm)	205	216	240	235	255	245	265
Width(mm)	140	175	175	160	170	175	180
Height(mm)	163/180	200/217	160/177	205/222	205/222	183/200	240/257
Weight (kg)	9	13	14	17	18	18	25
CA	570	680	750	850	890	890	1100
CCA	490(EN)	570(EN)	630(EN)	680(EN)	710(EN)	710(EN)	880(EN)
Reserve capacity(min)	50	75	88	95	107	107	168
Resistance(mΩ)	6.5	4.8	3.8	3.6	3.3	3.3	2.6
Temperature	-50°C to +75°C						
Cycle life (100%DOD)	400						
Cycle life (80%DOD)	800						
Maximum power (w/kg)	550	540	535	540	540	540	540
Max charge current	4.5CA						
Max discharge current	18CA						



THE BATTERY APPEARANCE



SB-1228



SB-1245



SB-1280



SB-1238



SB-1248



SB-1255A



SB-1255B

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