

STARMAX



GOLF / UTILITY VEHICLES

MOTIVE DEEP CYCLE AGM BATTERIES

SDC8-210-GC8 (8Volts)



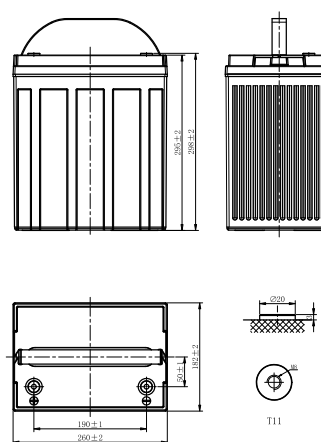
www.starmaxbatteries.com

SDC SERIES - SUPERIOR CYCLING NON SPILLABLE

8V 210Ah



LAYOUT



General Features



Stable initial capacity

- PAM/NAM amount optimization
- 4BS crystal paste mixing & curing technology
- Double layer separator technology
- Improved design electrolyte S.G.



Excellent deep cycle performance

- Plate assembly pressure re-engineering
- New PAM/NAM recipe introduced
- Gel electrolyte technology
- Rare earth alloy
- Double layer separator technology
- Lower acid filling temperature



Solve NAM sulphation

- Carbon boost technology
- Pre-sulfate technology



Improved PSoC cycling

- Carbon boost technology
- Mix carbon boost technology
- Targeting for higher level through carbon technology



Less water loss

- PAM/NAM amount optimization
- New PAM/NAM recipe introduced
- Rare earth alloy



Delay PAM softening and shedding

- Plate assembly pressure re-engineering
- 4BS crystal paste mixing & curing technology
- Higher paste density



Optimize electrolyte stratification

- Introduce AGM-GEL technology

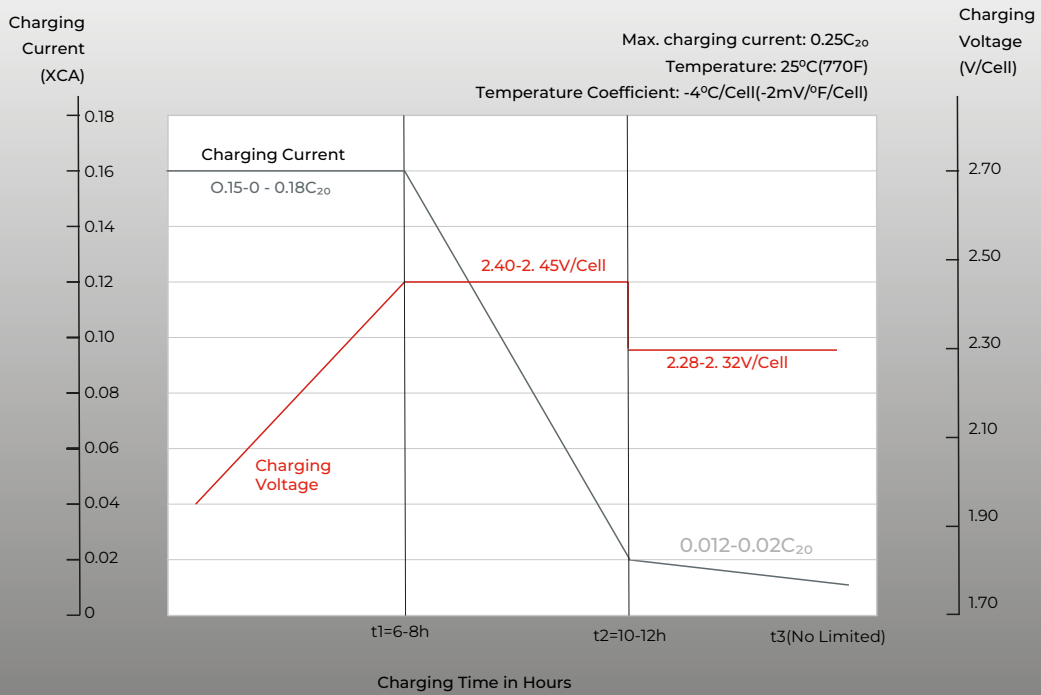
SPECIFICATIONS

Voltage	8V	
Dimension	Length	260mm(10.2 inches)
	Width	182mm(7.17 inches)
	Container height	295mm(11.6 inches)
	Total Height	298mm (11.7 inches)
Approx Weight	40.5kg (89.3) lbs	
Terminal	T11(M8)	
Container Material	ABS	
Reserve Capacity	25A	480 min
	56A	175 min
	75A	145 min
Capacity	20HR	210Ah
	10HR	190Ah
	5HR	180Ah
Operating Temp. Range	Discharge	-20~55°C (-4~131°F)
	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)

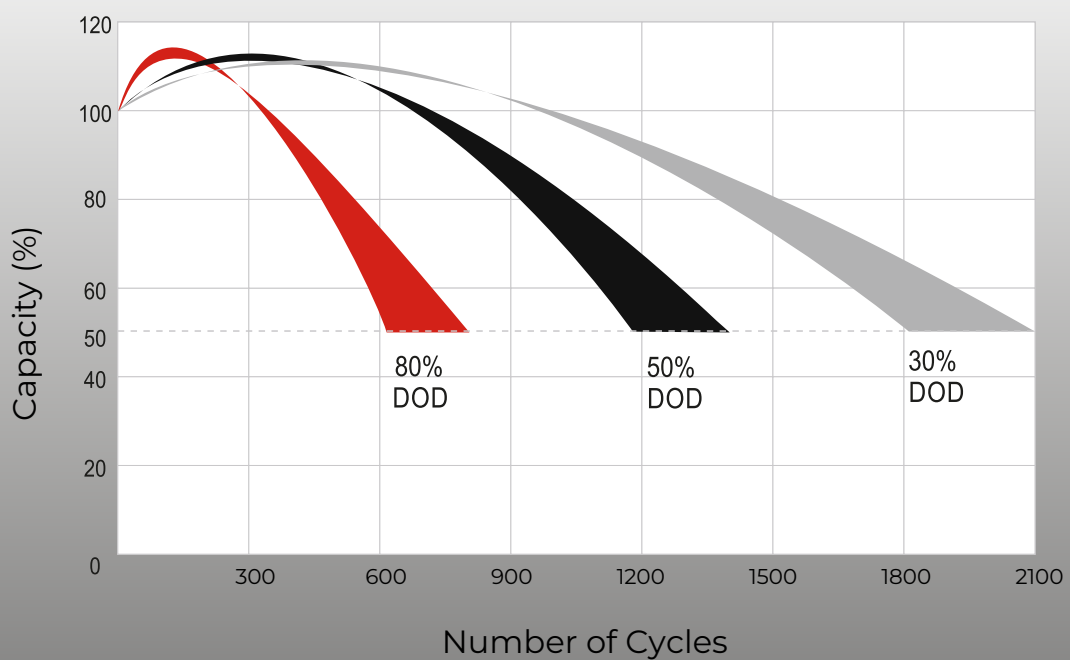
Applications

- ✓ Aerial Work Platforms
- ✓ Golf cart & Utility Vehicles
- ✓ Transportation
- ✓ Floor Cleaning Machines
- ✓ Marine & Recreation Vehicles
- ✓ Solar & Renewable Energy

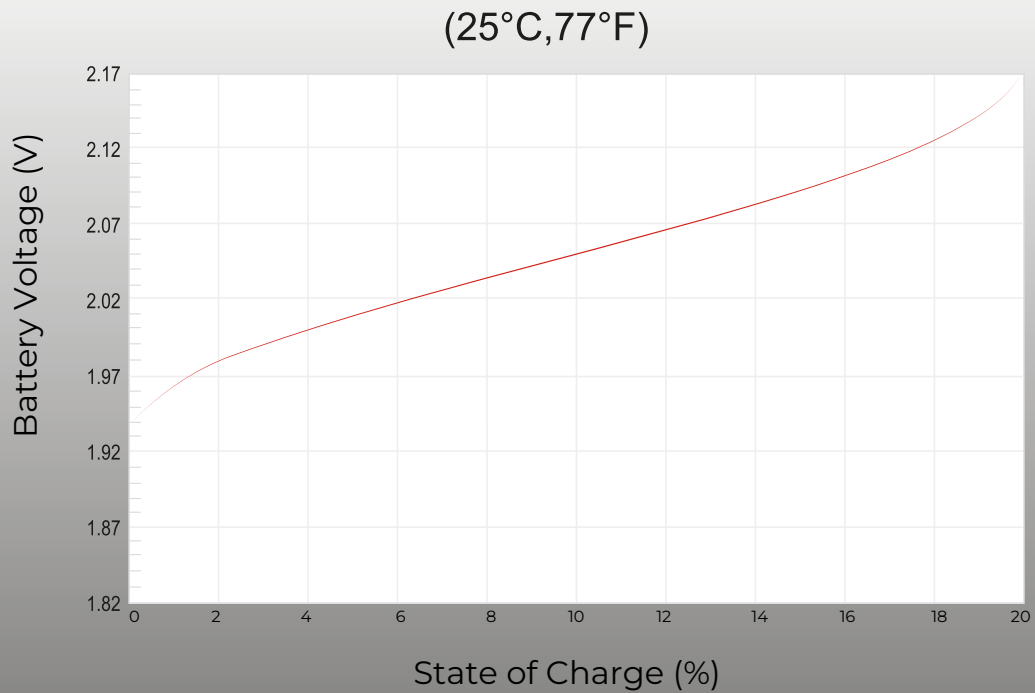
Charging Profiles



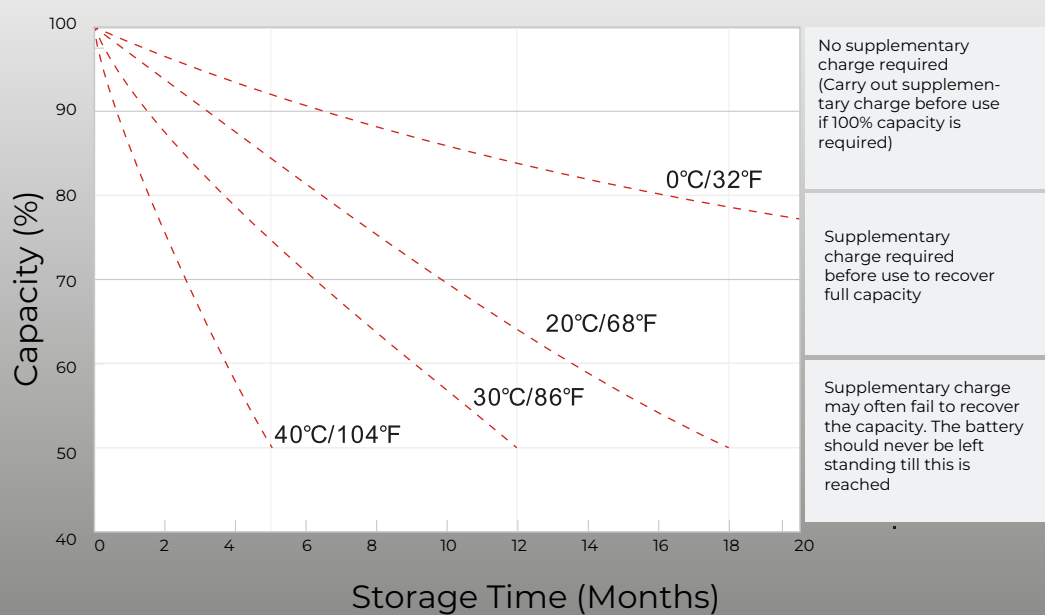
Cycle Life in Relation to Depth Of Discharges



Relationship of OCV and State of Charge



Self Discharge Characteristics



The max Storage time should not be above 15 months



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