

STARMAX



GOLF / UTILITY VEHICLES

MOTIVE DEEP CYCLE AGM BATTERIES

SDC8-165-GC8 (8Volts)



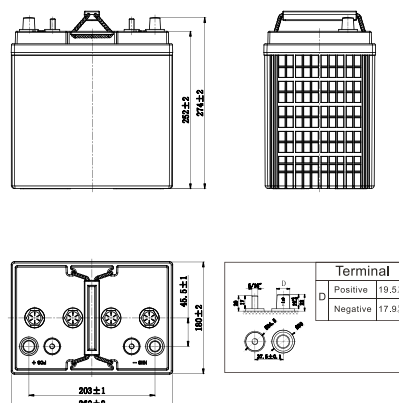
www.starmaxbatteries.com

SDC SERIES - SUPERIOR CYCLING NON SPILLABLE

8V 165Ah



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

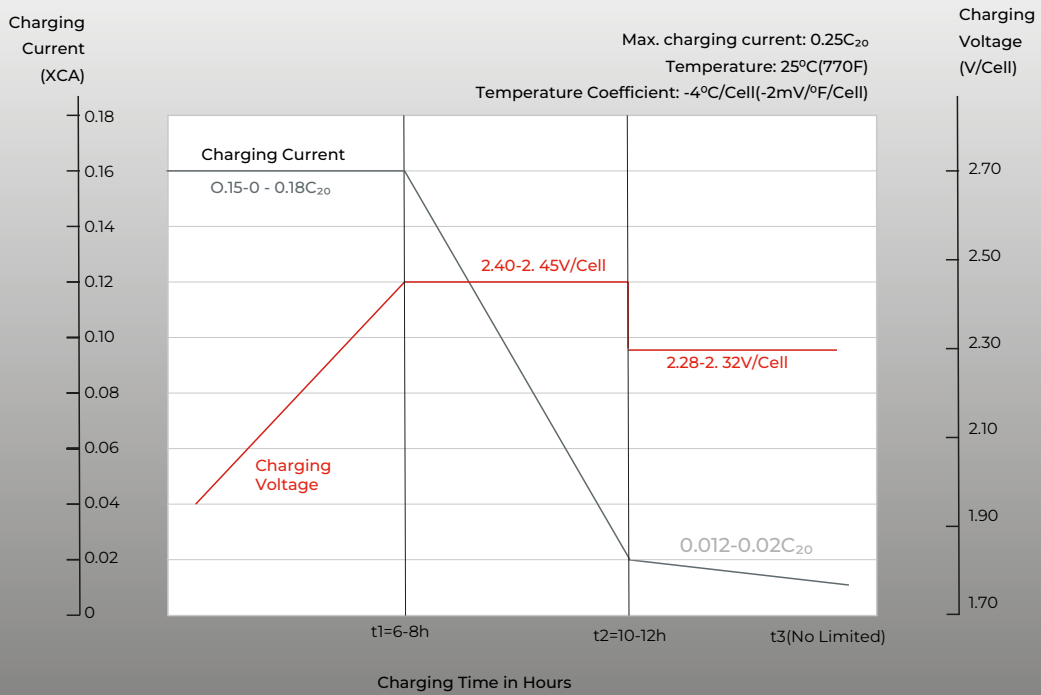
SPECIFICATIONS

Voltage		8V	
Dimension	Length	260mm(10.2 inches)	
	Width	180mm(7.09 inches)	
	Container height	252mm(9.92 inches)	
	Total Height	274mm (10.8 inches)	
Approx Weight		29.274kg (64.5) lbs	
Terminal		DT (5/16")	
Container Material		ABs	
Reserve Capacity		25A	325 min
		56A	130 min
Capacity	20HR	165Ah	
	10HR	155Ah	
	5HR	140Ah	
Operating Temp. Range	Discharge	-25~55°C (-4~131°F)	
	Charge	0~40°C (32~104°F)	
	Storage	-15~40°C (5~104°F)	

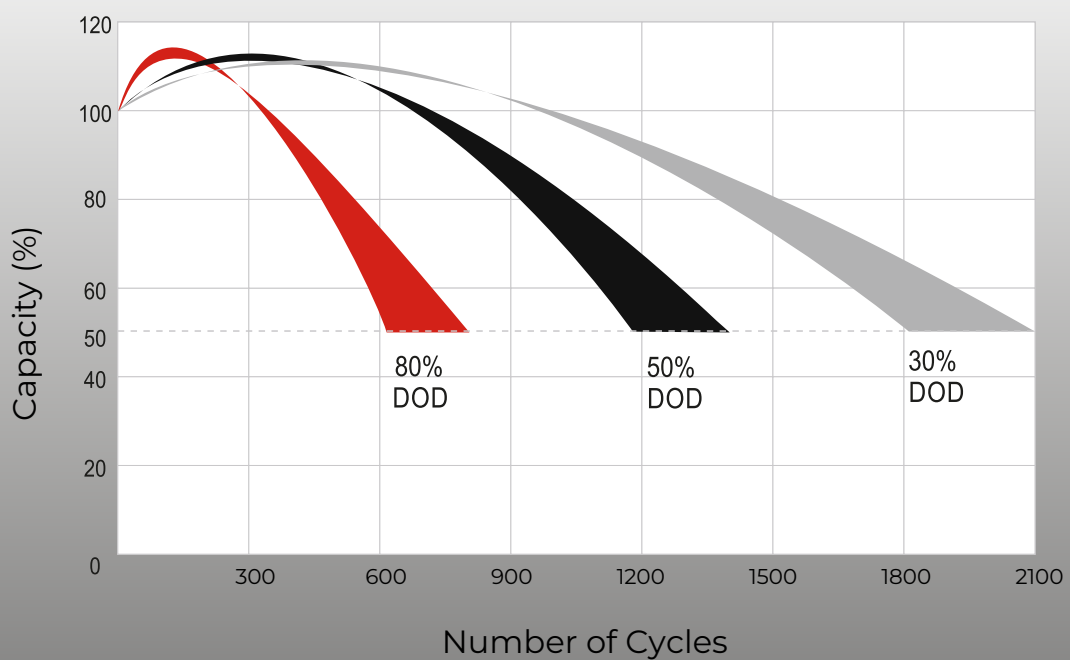
Applications

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

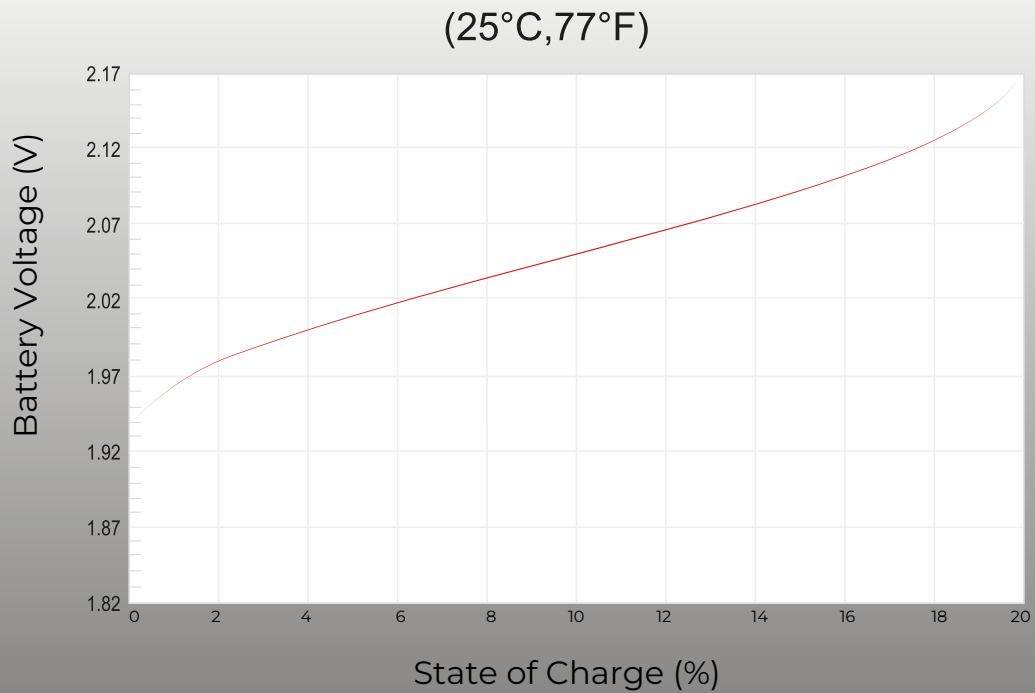
Charging Profiles



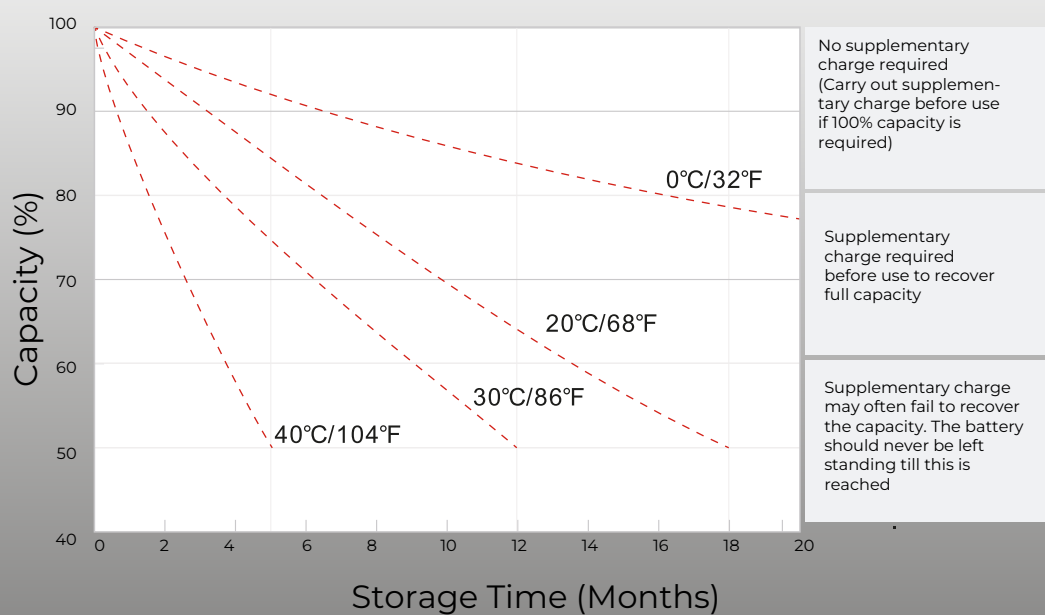
Cycle Life in Relation to Depth Of Discharges



Relationship of OCV and State of Charge



Self Discharge Characteristics



The max Storage time should not be above 15 months



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