

STARMAX



GOLF / UTILITY VEHICLES

MOTIVE DEEP CYCLE AGM BATTERIES

SDC8-180-GC8 (8Volts)



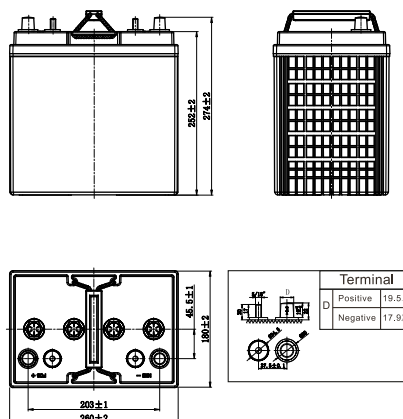
www.starmaxbatteries.com

SDC SERIES - SUPERIOR CYCLING NON SPILLABLE

8V 180Ah



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



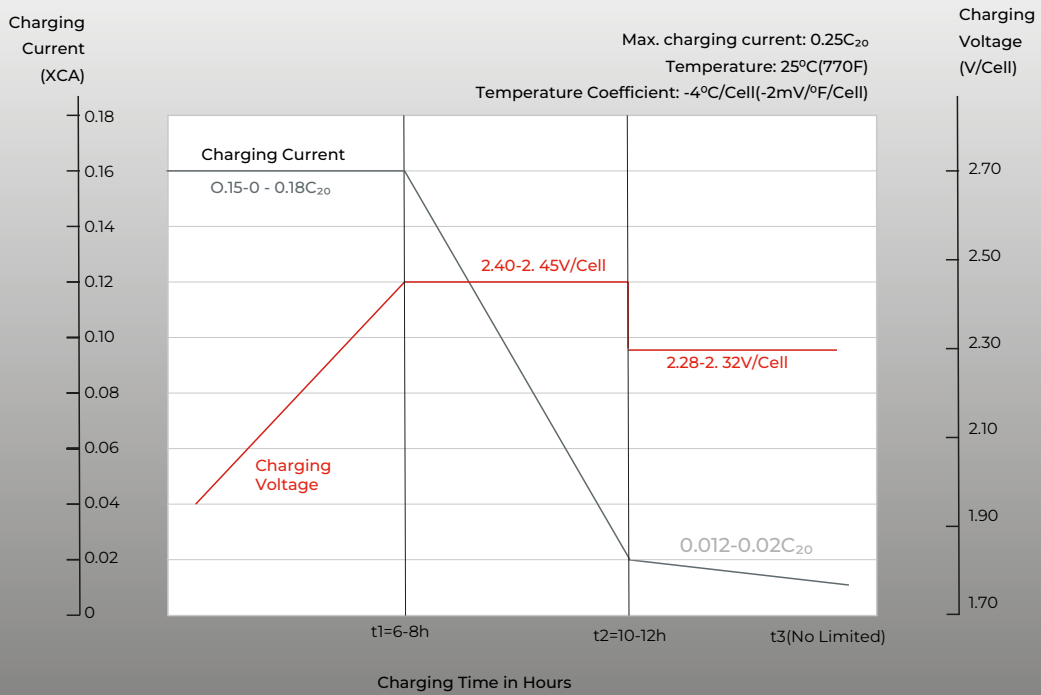
SPECIFICATIONS

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	30.8kg (67.9) lbs	
Terminal	DT (5/16")	
Container Material	ABs	
Reserve Capacity	25A	325 min
	75A	155 min
Capacity	20HR	182Ah
	10HR	170Ah
	5HR	153Ah
Operating Temp. Range	Discharge	-20~55°C (-4~131°F)
	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)

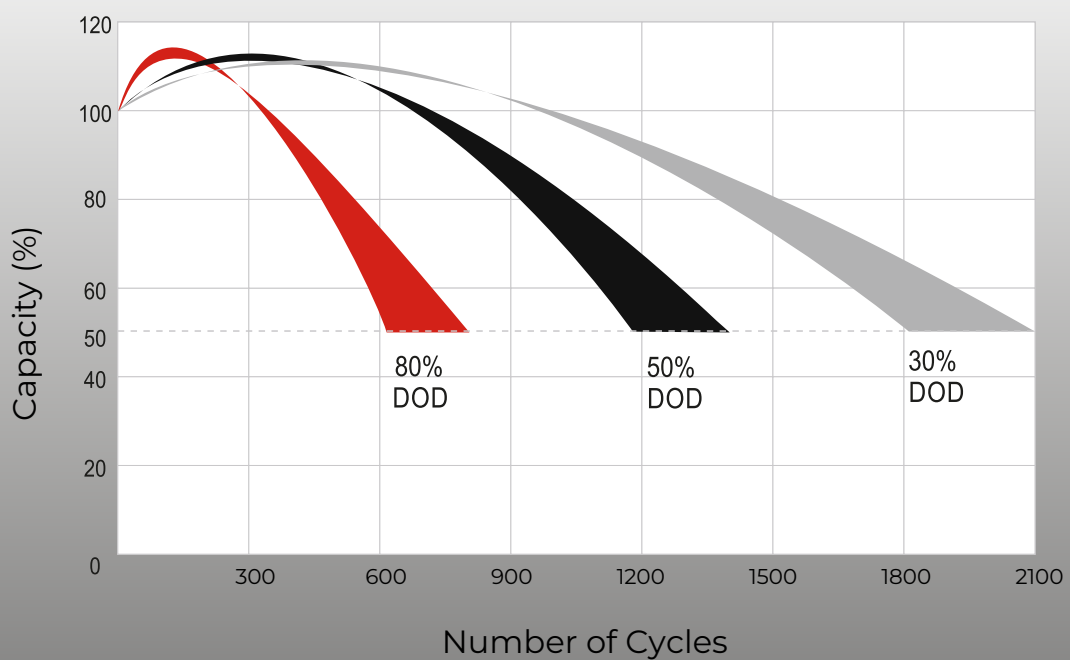
Applications

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

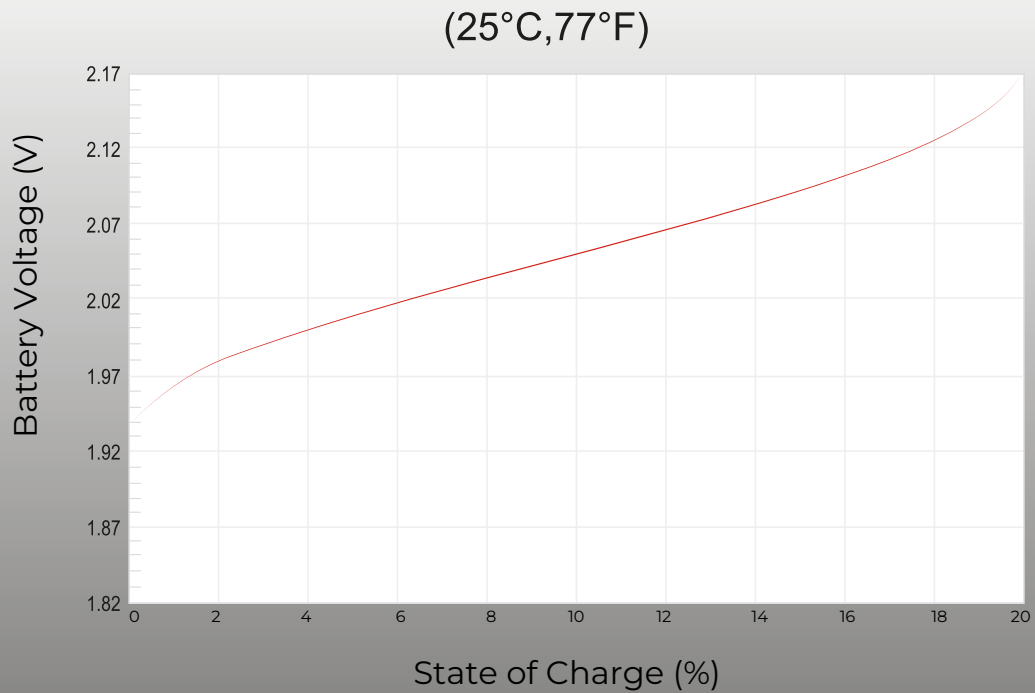
Charging Profiles



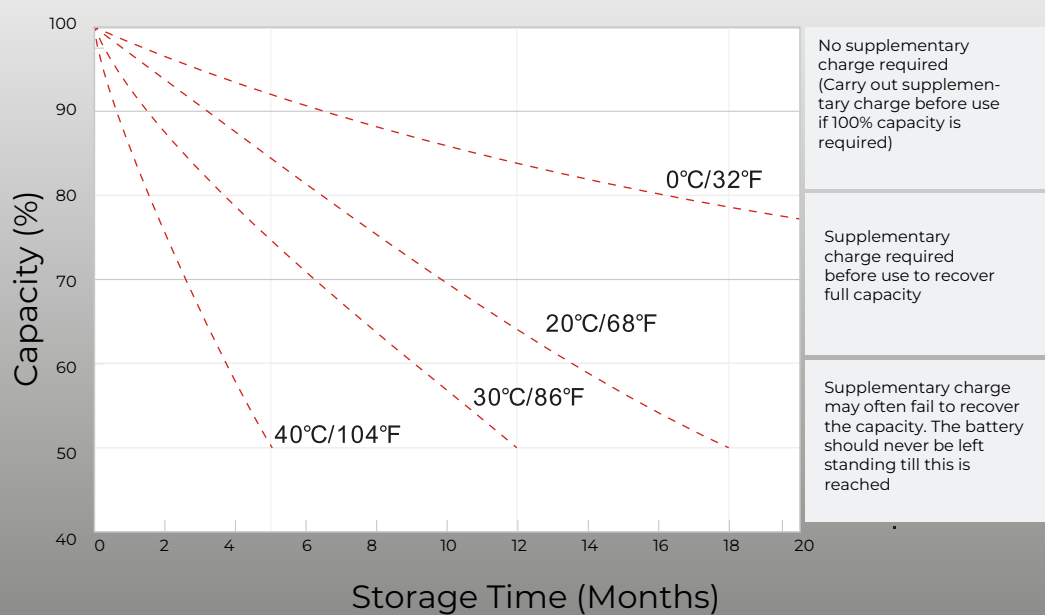
Cycle Life in Relation to Depth Of Discharges



Relationship of OCV and State of Charge



Self Discharge Characteristics



The max Storage time should not be above 15 months



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