

STARMAX



GOLF / UTILITY VEHICLES

MOTIVE DEEP CYCLE AGM BATTERIES

SDC12-150-GC12



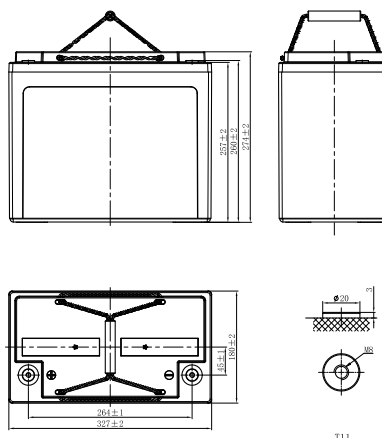
www.starmaxbatteries.com

SDC SERIES - SUPERIOR CYCLING NON SPILLABLE

12V 150Ah



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



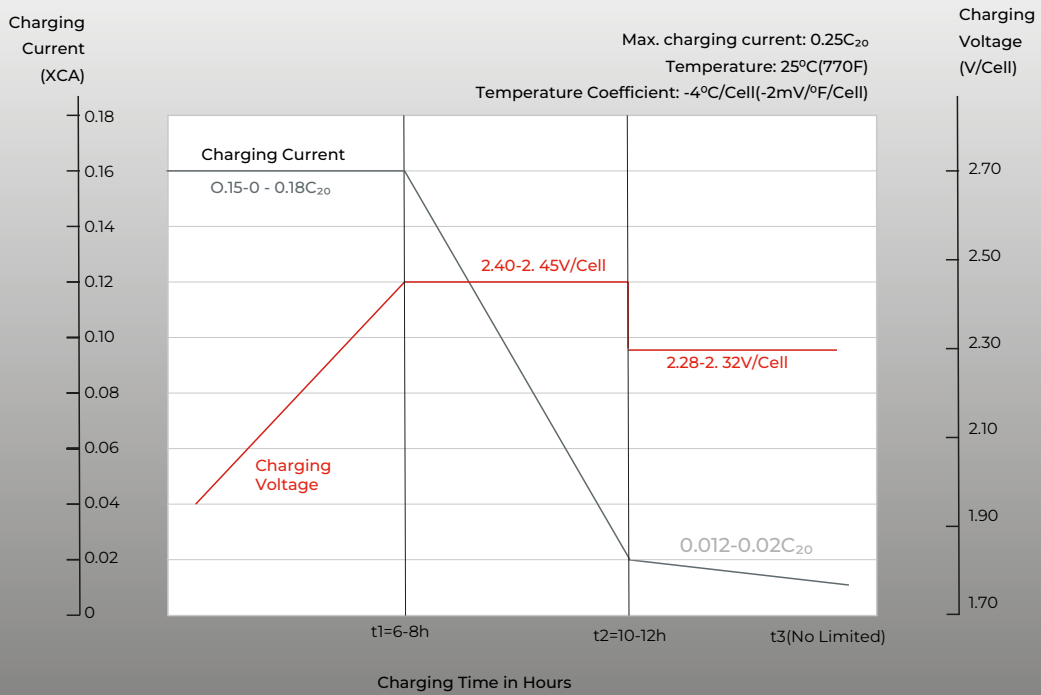
SPECIFICATIONS

Voltage		12V	
Dimension	Length	327mm(12.9 inches)	
	Width	180mm(7.09 inches)	
	Container height	274mm(10.8 inches)	
	Total Height	274mm (10.8 inches)	
Approx Weight		42.18kg (93.0) lbs	
Terminal		T11(M8)	
Container Material		ABS	
Reserve Capacity		25A	323min
		56A	120 min
		75A	90 min
Capacity		20HR	150Ah
		10HR	143Ah
		5HR	136Ah
Operating Temp. Range	Discharge	-25~55°C (-4~131°F)	
	Charge	0~40°C (32~104°F)	
	Storage	-15~40°C (5~104°F)	

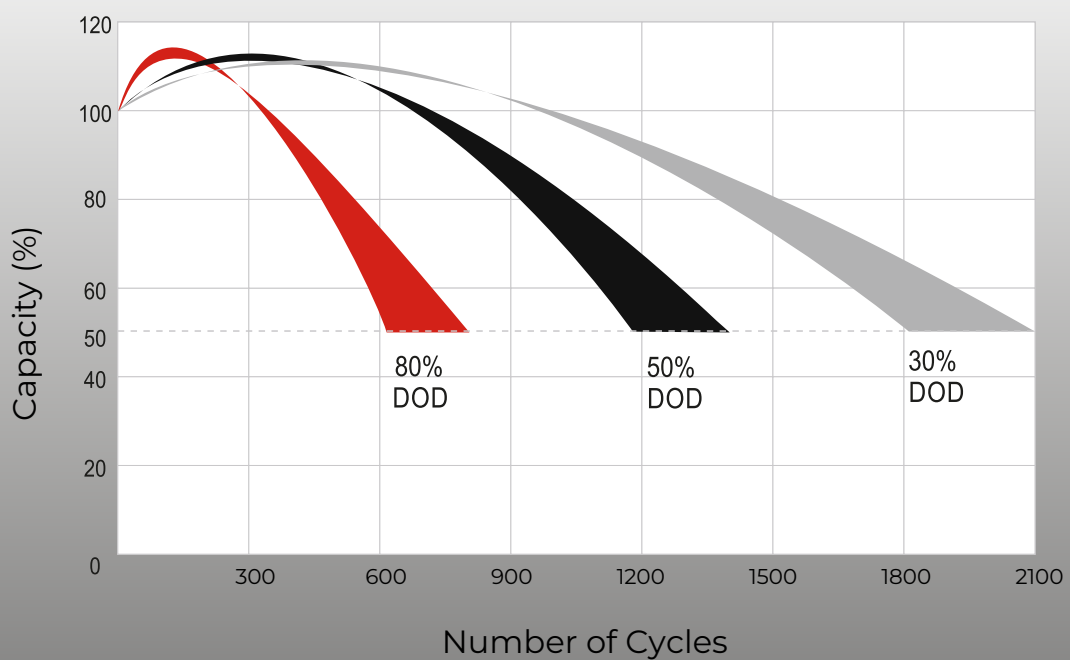
Applications

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

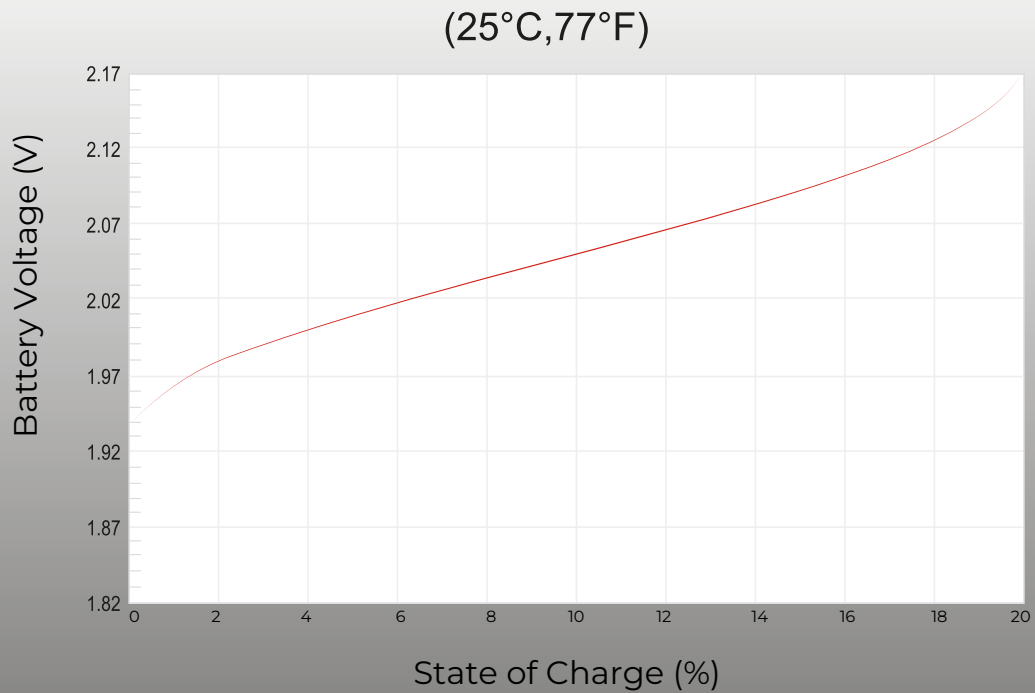
Charging Profiles



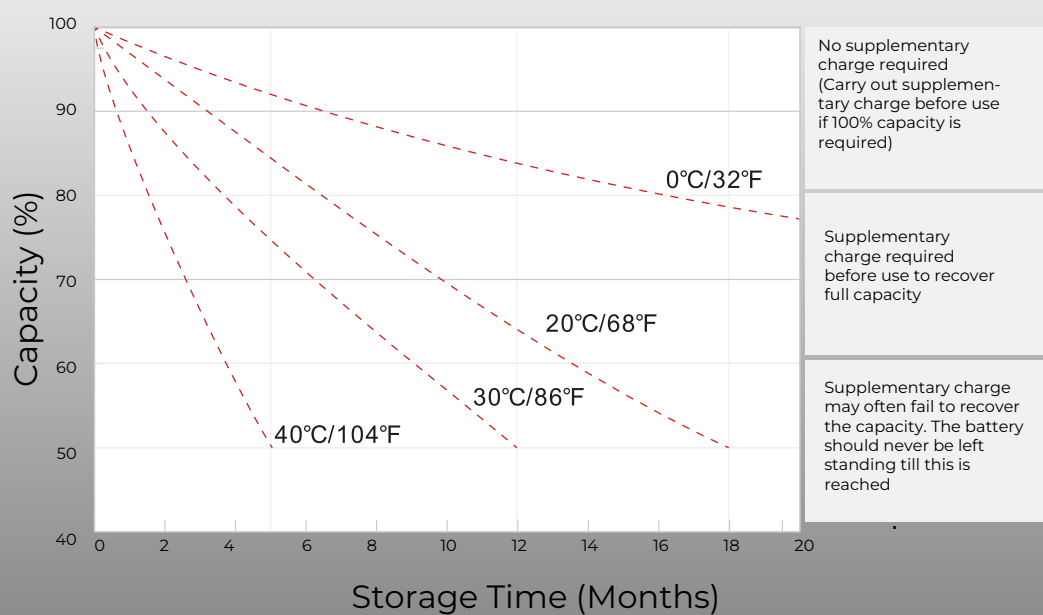
Cycle Life in Relation to Depth Of Discharges



Relationship of OCV and State of Charge



Self Discharge Characteristics



The max Storage time should not be above 15 months



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