

STARMAX



GOLF / UTILITY VEHICLES

MOTIVE DEEP CYCLE AGM

BATTERIES

SDC6-224-GC2 (6volts)



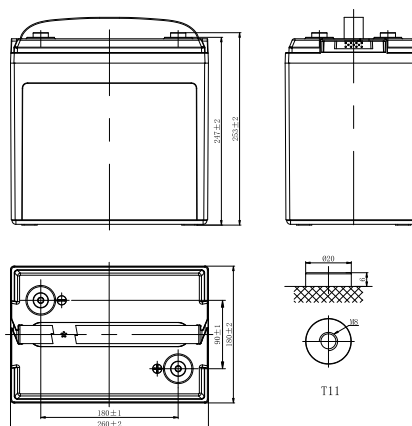
www.starmaxbatteries.com

SDC SERIES - SUPERIOR CYCLING NON SPILLABLE

6V 224Ah



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

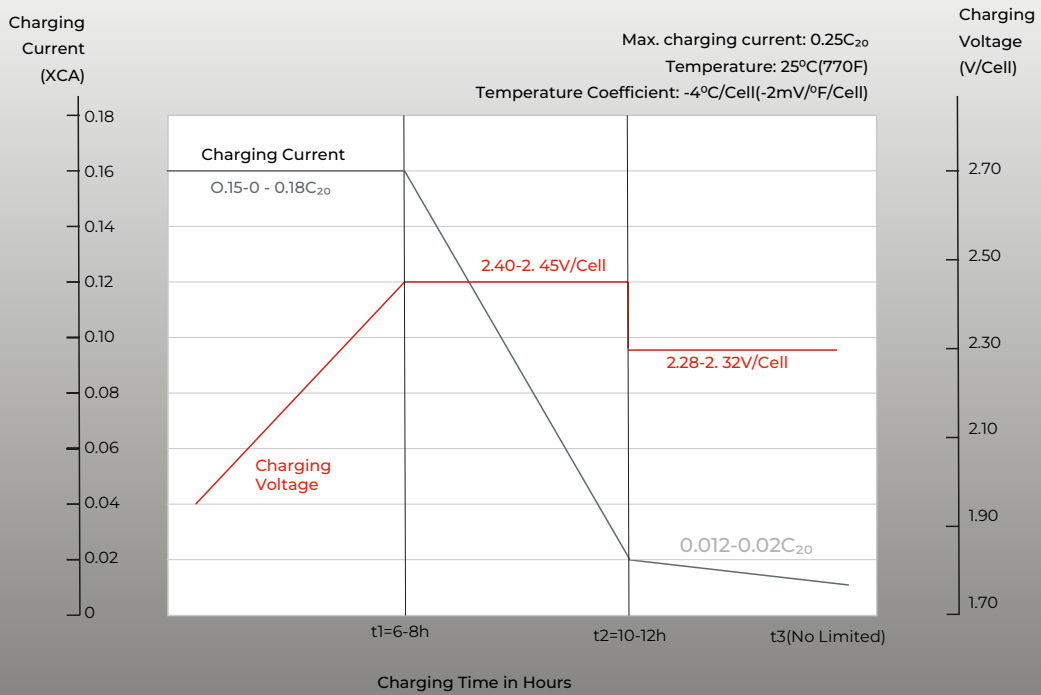
SPECIFICATIONS

Voltage	6V		
Dimension	Length	260mm(10.2 inches)	
	Width	180mm(7.09 inches)	
	Container height	247mm(9.72 inches)	
	Total Height	253mm (9.96 inches)	
Approx Weight	30.5kg (67.2) lbs		
Terminal	T11()M8		
Container Material	ABS		
Reserve Capacity		25A	490min
		56A	188 min
		75A	135 min
Capacity		20HR	224Ah
		10HR	210Ah
		5HR	192Ah
Operating Temp. Range	Discharge	-25~55°C (-4~131°F)	
	Charge	0~40°C (32~104°F)	
	Storage	-15~40°C (5~104°F)	

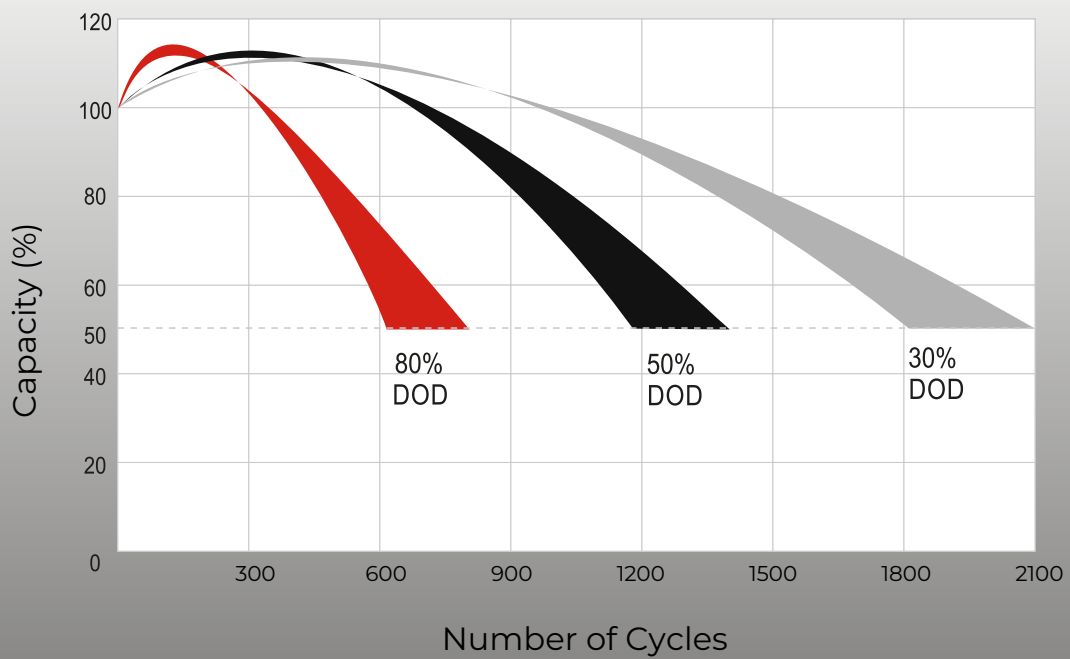
Applications

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

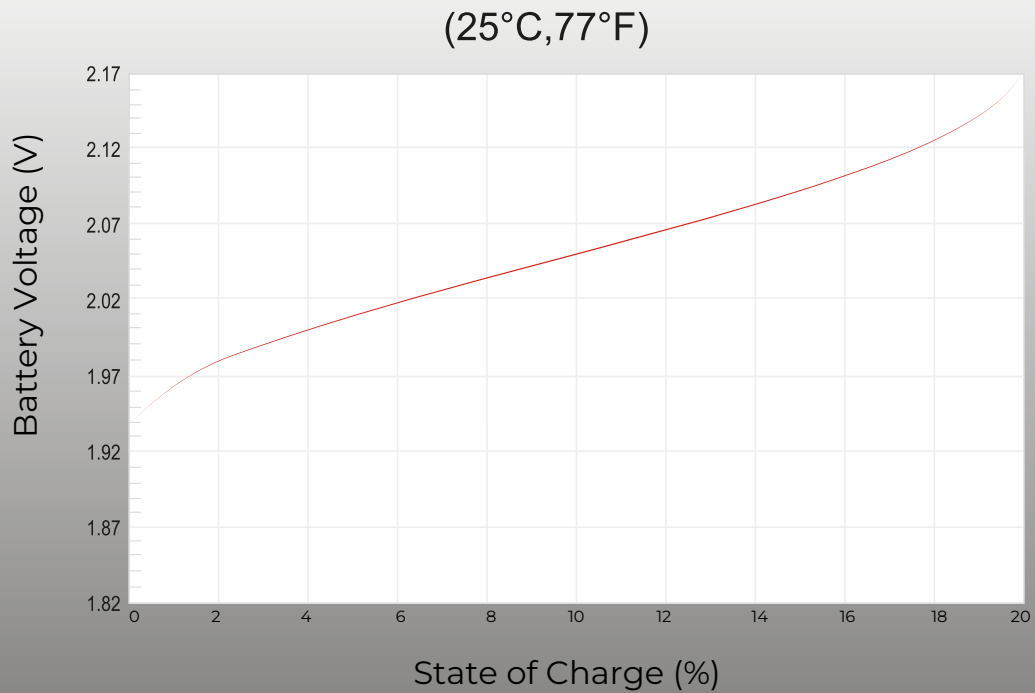
Charging Profiles



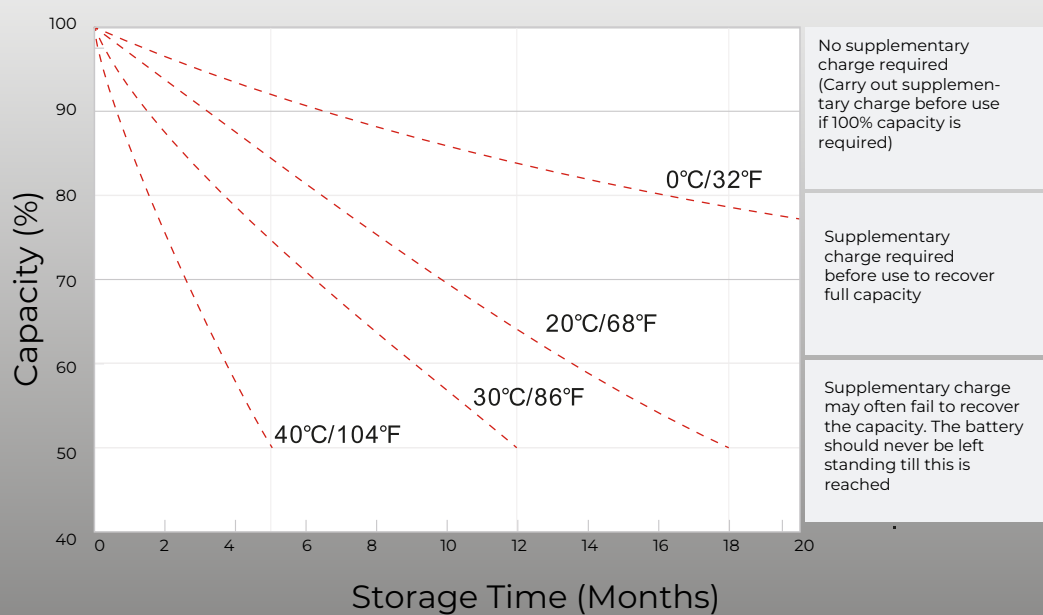
Cycle Life in Relation to Depth Of Discharges



Relationship of OCV and State of Charge



Self Discharge Characteristics



The max Storage time should not be above 15 months



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