



FM FLOOR MACHINE
MOTIVE DEEP CYCLE AGM
BATTERIES

SDC12-245 (12Volts)



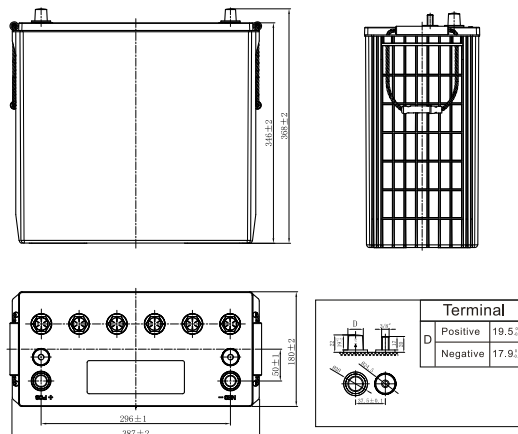
www.starmaxbatteries.com

SDC SERIES - SUPERIOR CYCLING NON SPILLABLE

12V 245Ah



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

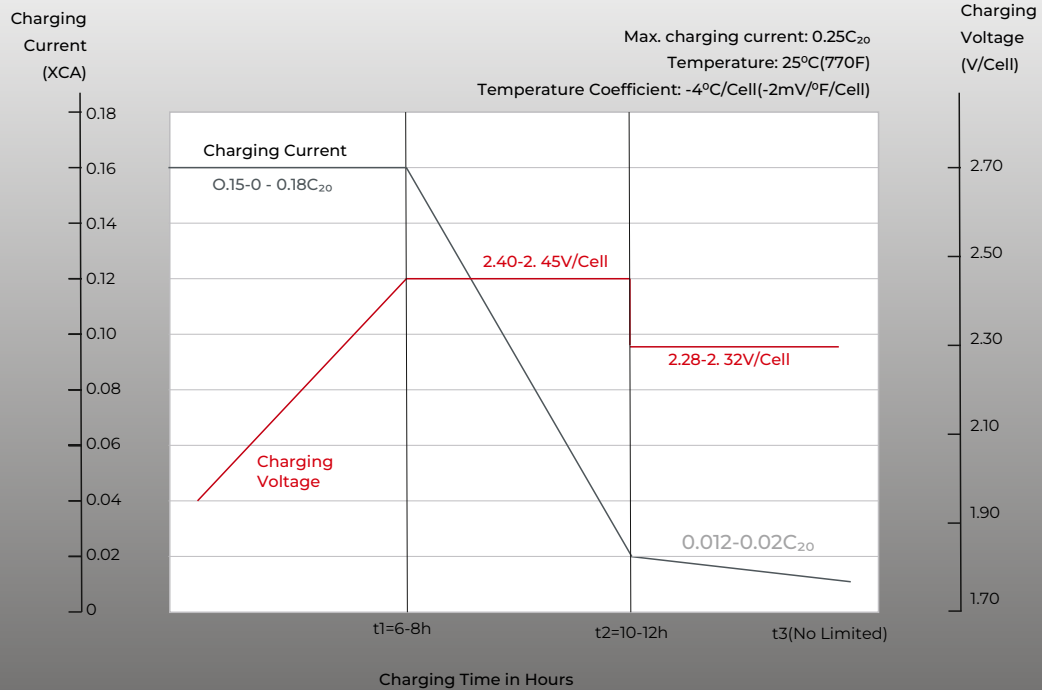
Voltage	12V	
Dimension	Length	387mm(15.2 inches)
	Width	180mm(7.09 inches)
	Container height	346mm(13.6 inches)
	Total Height	368mm (14.5 inches)
Approx Weight	64.33kg (141.8) lbs	
Terminal	DT(3/8")	
Container Material	ABS	
Reserve Capacity	25A	535 min
	75A	145 min
Capacity	20HR	245Ah
	10HR	233Ah
	5HR	210Ah
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

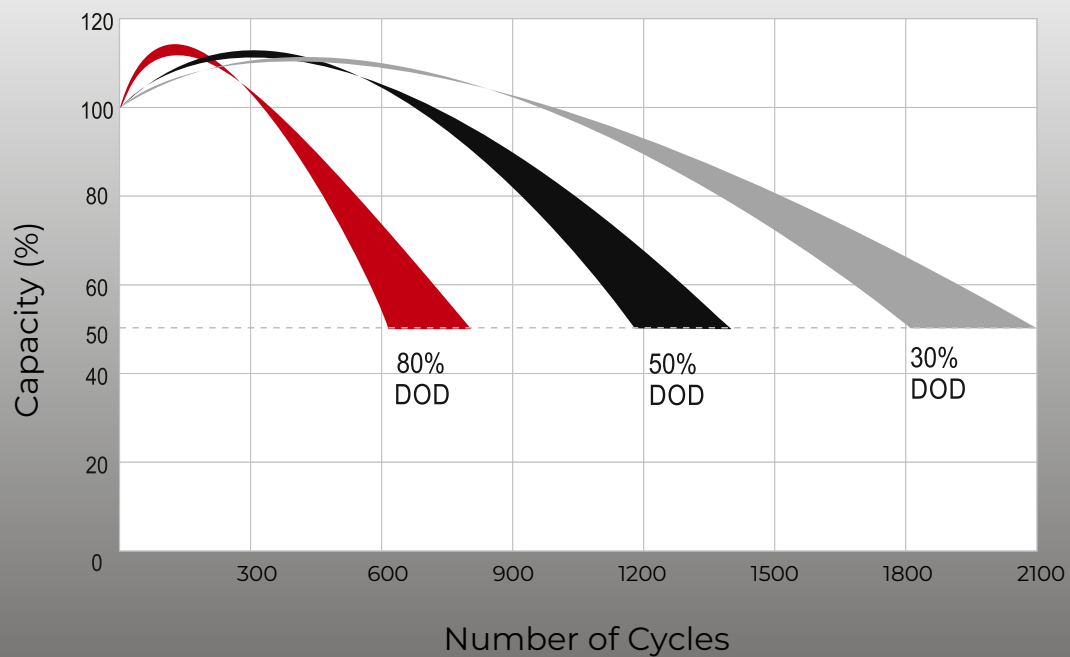
- ✓ Arial Work Platforms
- ✓ Golf cart & Utility Vehicles
- ✓ Transportation
- ✓ Floor Cleaning Machines
- ✓ Marine & Recreation Vehicles
- ✓ Solar & Renewable Energy



Charging Profiles

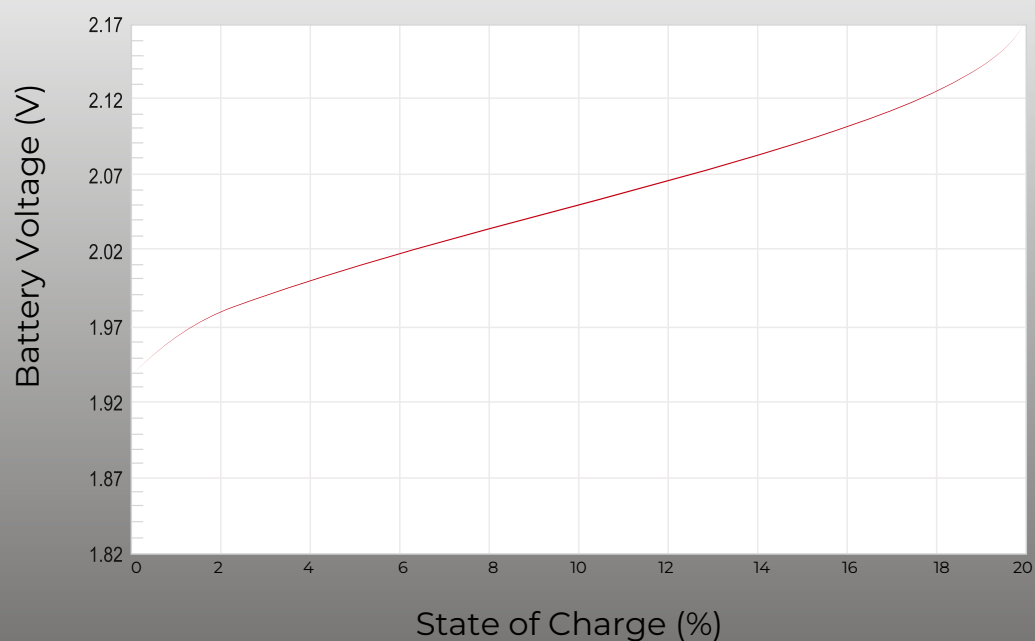


Cycle Life in Relation to Depth Of Discharges

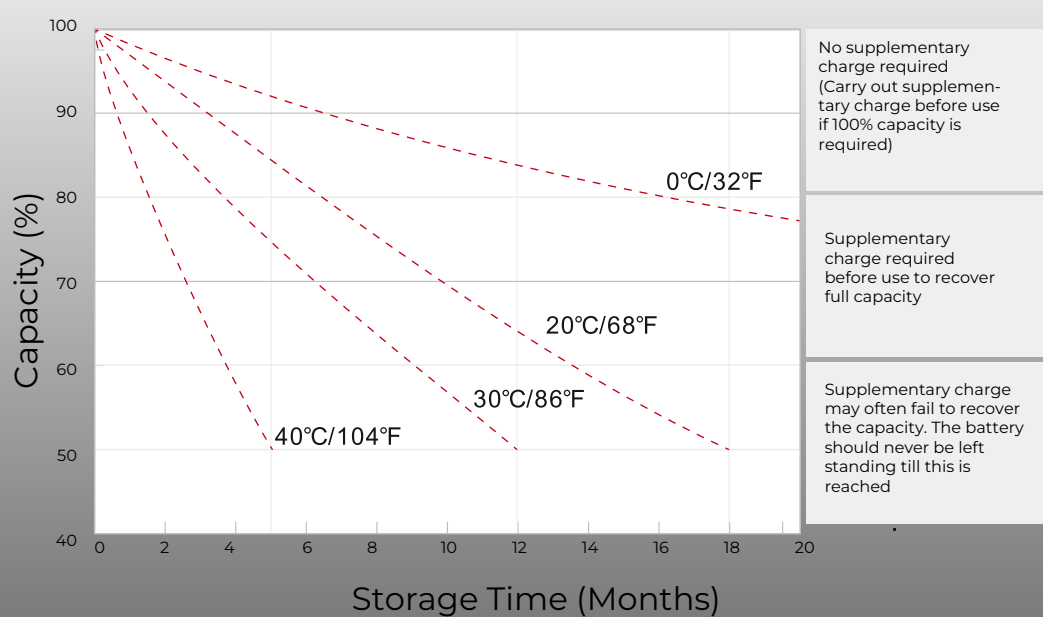


Relationship of OCV and State of Charge

(25°C, 77°F)



Self Discharge Characteristics



The max Storage time should not be above 15 months



Starmax Corporation

1585 Cliveden Avenue, Delta, British Columbia
V3M 6M1, Canada

Phone: +1 888 669 1310

Email: info@starmaxbatteries.com

Website: www.starmaxbatteries.com

