

STARMAX



MR MARINE AND RV
MOTIVE DEEP CYCLE AGM
BATTERIES

SDC12-115-G31-DT(12 Volts)



www.starmaxbatteries.com

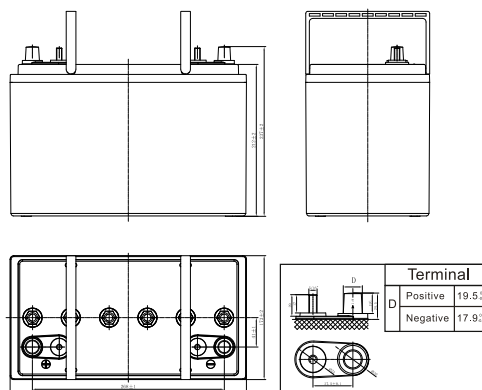
The world's leading battery brand

SDC SERIES - SUPERIOR CYCLING NON SPILLABLE

12V 115Ah



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



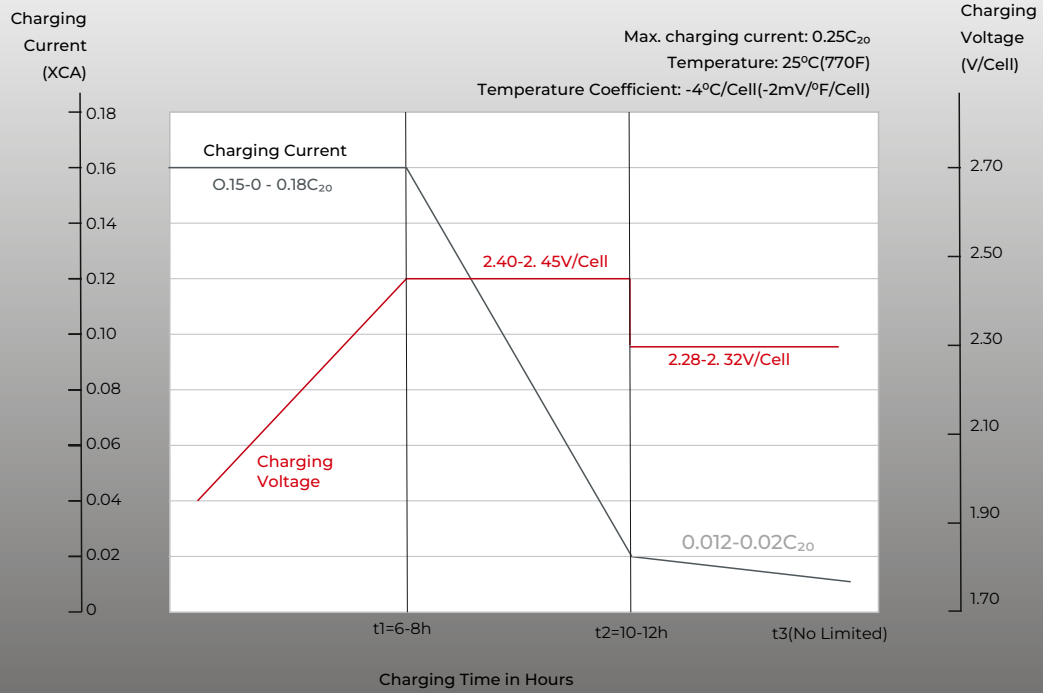
SPECIFICATIONS

Voltage	12V	
Dimension	Length	330mm(13.0 inches)
	Width	173mm(6.81 inches)
	Container height	212mm(8.35 inches)
	Total Height	237mm (9.33 inches)
Approx Weight	31.5kg (69.4) lbs	
Terminal	DT (5/16")	
Container Material	ABS	
Reserve Capacity	25A	220min
	56A	80 min
	75A	52 min
Capacity	20HR	115Ah
	10HR	105Ah
	5HR	95Ah
Operating Temp. Range	Discharge	-25~55°C (-4~131°F)
	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)

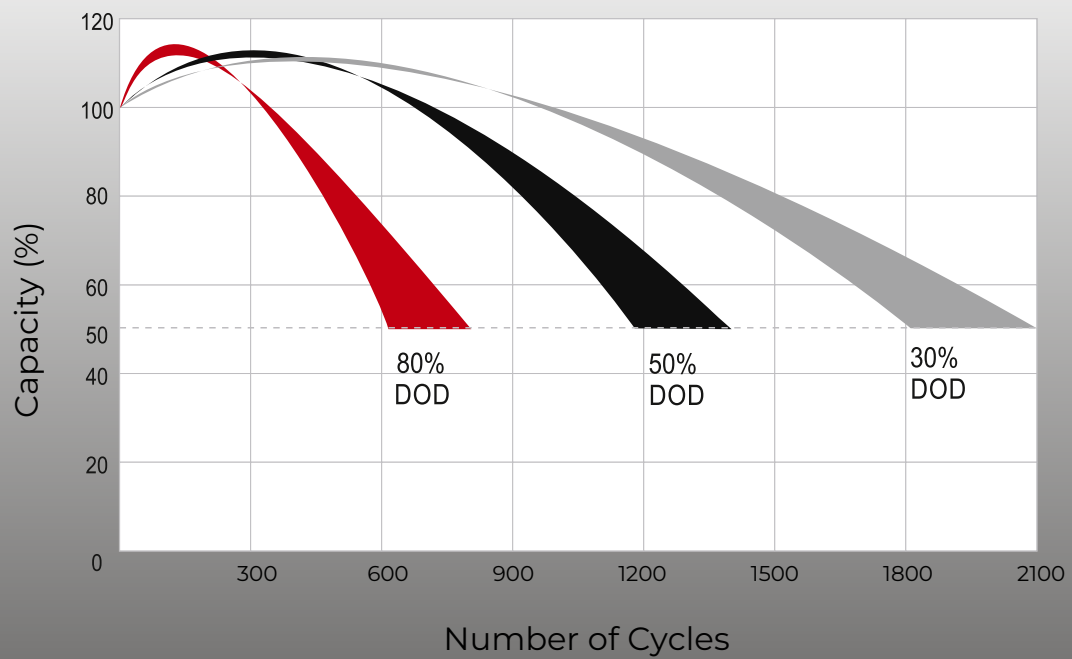
Applications

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

Charging Profiles

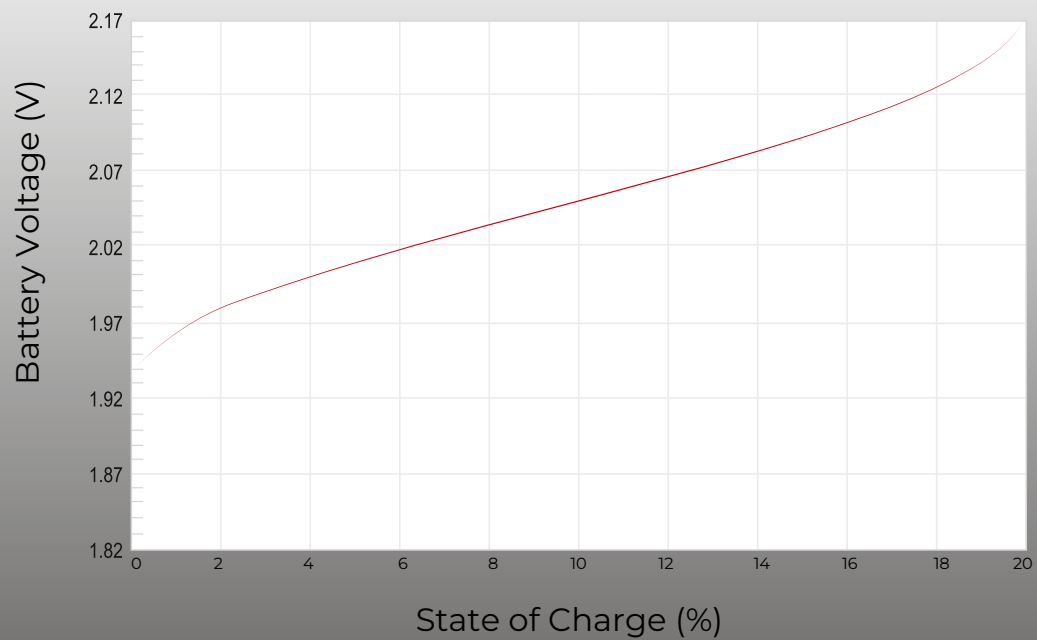


Cycle Life in Relation to Depth Of Discharges

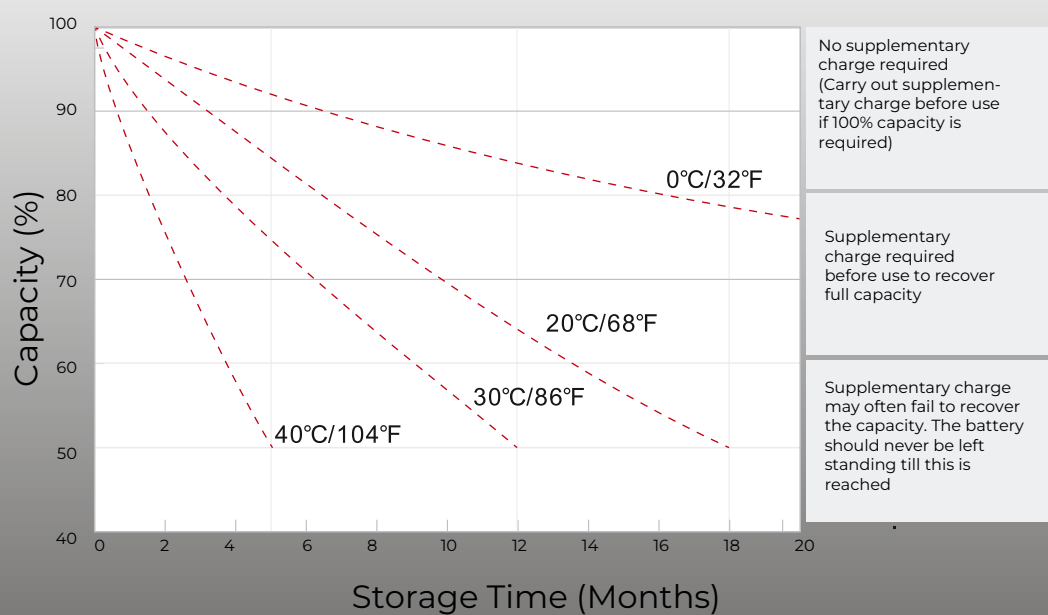


Relationship of OCV and State of Charge

(25°C, 77°F)



Self Discharge Characteristics



The max Storage time should not be above 15 months



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