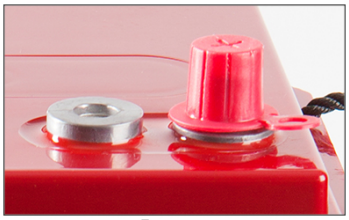
AGM VRLA DEEP CYCLE BATTERY

S6-460AGM-RE





ADVANCED NAM

Series	VRLA AGM-S	Warranty	See Warranty Terms
Volts	6	Design	L16
Cells	3		
Terminal Type		F23-1	
Included Hardware		M10 stainless bolts & washers	
Size & Thread		M10	

Charge | Discharge

Charge Voltage Range	2.45 V/cell @ 25°C (77°F)
Float Voltage Range	2.3 V/cell @ 25°C (77°F)
Recommended Charge Current	85 A
Maximum Charge Current	125 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)
Internal Resistance	1.6 mΩ

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	1500
Marine Crank Amps (MCA) 32°F / 0°C	1800
Reserve Capacity (RC @ 25A)	885 Minutes
Reserve Capacity (RC @ 75A)	229 Minutes

Capacity Affect by Temperature	40°C (104°F)	25°C (77°F)	0°C (32°F)	-15°C (5°F)
	102%	100%	85%	65%

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 100 Hour Rate	**460 AH**	**4.6 A**
@ 20 Hour Rate	**415 AH**	**20.75 A**
@ 10 Hour Rate	**374 AH**	**37.4 A**
@ 5 Hour Rate	**340 AH**	**68 A**

Cut Off Voltage	Constant Current Discharge					
	1 hr	2 hr	3 hr	5 hr	8 hr	10 hr
1.75 VPC	232	123	93.9	68	45	37.4

Specifications

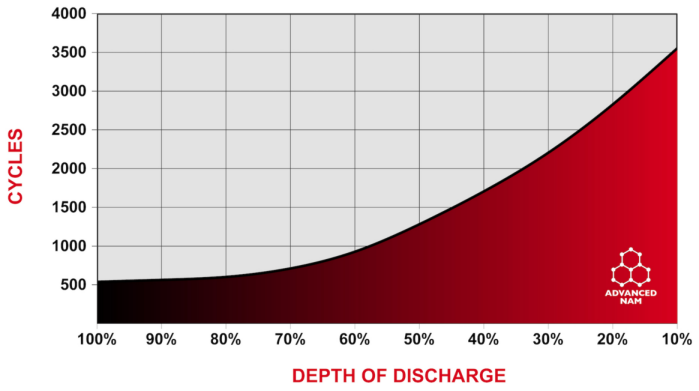
Weight	57 kg	126 lbs
Length	295 mm	11.61"
Width	180 mm	7.09"
Height Incl. Term.	423 mm	16.65"

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

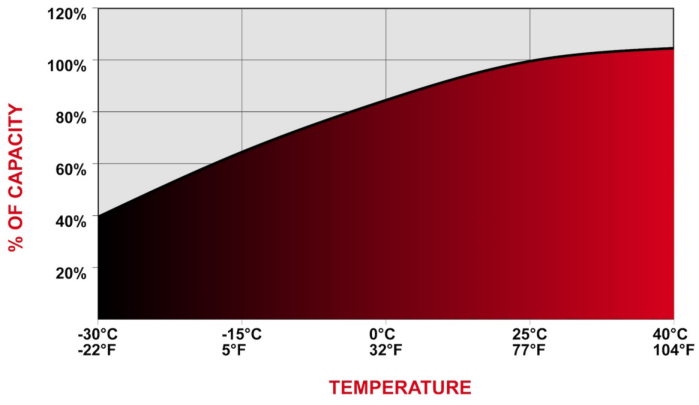
Container	ABS
Cover	ABS
Handles	Rope / Plastic Handle

- Plastics are UL94 HB (UL94 V0 available)
- Valve regulated design with integral flame arrestor
- Non-Hazardous, Non-Spillable

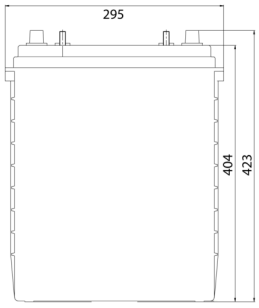
Cycle Life vs. Depth of Discharge

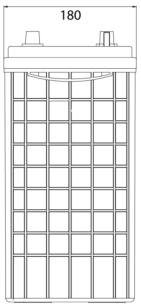


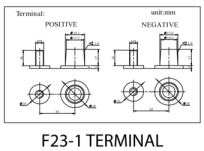
Capacity vs. Temperature



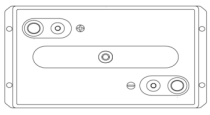
Detailed Illustration







F23-1 TERMINAL



Designed in compliance with applicable BCI, DIN, BS & IEC standards.
Tested in compliance to BCI & IEC standards.

MH 48952

Rev.#5 | April 2024