VRLA GEL DEEP CYCLE BATTERY

S12-90GEL





Series	VRLA GEL	Warranty	See Warranty Terms
Volts	12	Design	Grp 27
Cells	6		
Terminal Type	F12(M8)		
Included Hardware	M8 stainless bolts & washers & TP08 adapter		
Size & Thread	M8		

Charge | Discharge

Charge Voltage Range	14.3V @ 25°C (77°F)
Float Voltage Range	13.7V @ 25°C (77°F)
Recommended Charge Current	20 A
Maximum Charge Current	35 A
Self-Discharge Rate	Less than 2% per month at 25°C (77°F)
Internal Resistance	4 mΩ

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	680
Marine Crank Amps (MCA) 32°F / 0°C	900
Reserve Capacity (RC @ 25A)	180 Minutes
Reserve Capacity (RC @ 75A)	43 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	**96 AH**	**.96 A**
@ 20 Hour Rate	**90 AH**	**4.5 A**
@ 10 Hour Rate	**79 AH**	**7.9 A**
@ 5 Hour Rate	**70 AH**	**14 A**

Cut Off Voltage	Constant Current Discharge					
	1 hr	2 hr	3 hr	5 hr	8 hr	10 hr
1.75 VPC	55.5	32.9	25.8	17.5	12.2	10.1

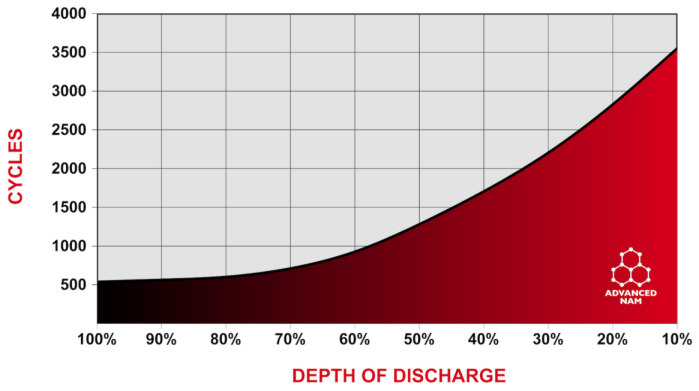
Specifications

Weight	27 kg	59.5 lbs
Length	307 mm	12.09"
Width	169 mm	6.65"
Height Incl. Term.	215 mm	8.46"

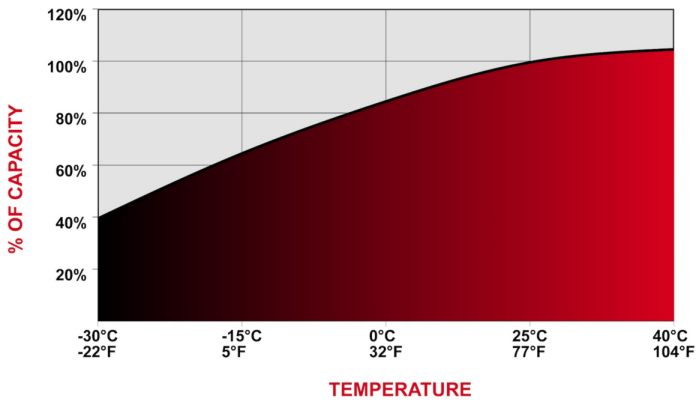
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

Container	ABS
Cover	ABS
Handles	Rope / Plastic Handle

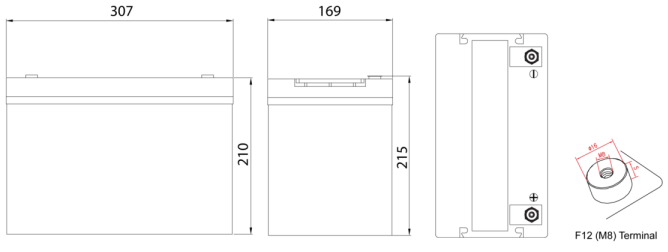
Cycle Life vs. Depth of Discharge



Capacity vs. Temperature



Detailed Illustration



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

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