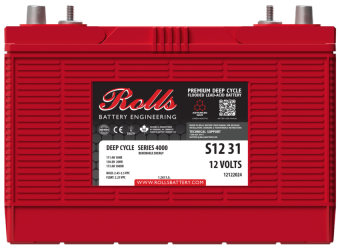
FLOODED DEEP CYCLE BATTERY

S12 31





Series	FLA SERIES 4000	Warranty	3 Years
Volts	12	Design	Grp 31
Cells	6	Plates/Cell	11
Terminal Type		DT	
Included Hardware		S/S Hex Cap Screw, Nut, Lock & Flat Washer	
Size & Thread		5/16"-18	

Charge | Discharge

Charge Voltage Range	2.45-2.5 V/cell @ 25°C (77°F)
Float Voltage Range	2.25 V/cell @ 25°C (77°F)
Recommended Charge Current	15 A
Maximum Charge Current	25 A
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	670
Marine Crank Amps (MCA) 32°F / 0°C	906
Reserve Capacity (RC @ 25A)	216 Minutes
Reserve Capacity (RC @ 75A)	64 Minutes

Capacity Affect by Temperature	40°C (104°F)	25°C (77°F)	0°C (32°F)	-15°C (5°F)
	105%	100%	75%	50%

Hour Rate	Capacity / AMP Hour	Current / AMPs
@ 100 Hour Rate	**173 AH**	**1.73 A**
@ 20 Hour Rate	**130 AH**	**6.5 A**
@ 10 Hour Rate	**111 AH**	**11.05 A**
@ 5 Hour Rate	**98 AH**	**19.5 A**

Specifications

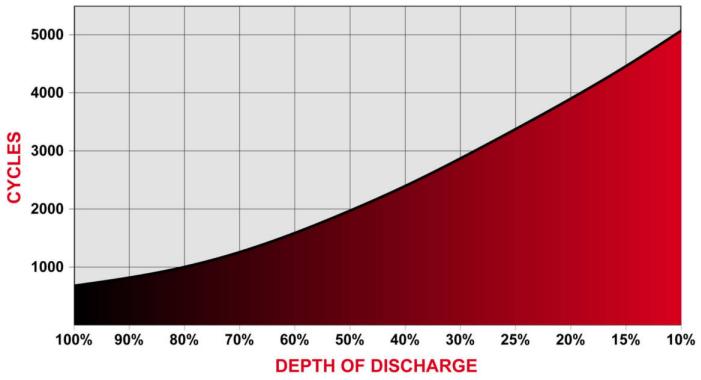
Weight	29.5 kg	65 lbs
Length	326 mm	12.83"
Width	171 mm	6.75"
Height	217 mm	8.54"
Height Incl. Term.	235 mm	9.25"

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

Container	Polypropylene
Cover	Polypropylene
Handles	Integrated Top Mount

- Plastics are UL94 HB (UL94-V2 available)
- Plastics are impact copolymer rated to ASTM D256, D5420
- Vented design with integral flame arrestor vent caps

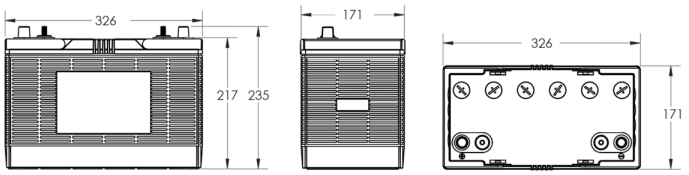
Cycle Life vs. Depth of Discharge



Voltage vs. Depth of Discharge

DISCHARGE	0%	25%	50%	75%	100%
20 HR AH RATE	2.10 V	2.07 V	2.00 V	1.92 V	1.75 V
10 HR AH RATE	2.10 V	2.06 V	1.98 V	1.89 V	1.75 V
3 HR AH RATE	2.10 V	2.03 V	1.95 V	1.86 V	1.75 V
1 HR AH RATE	2.10 V	2.01 V	1.93 V	1.84 V	1.75 V

Detailed Illustration



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

0122624

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