Rolls

FLOODED DEEP CYCLE BATTERY

4 KS 27P





Series	FLA SERIES 5000	Warranty	5 Years
Volts	4	Design	SPEC
Cells	2	Plates/Cell	27
Terminal Type		Flag	
Included Hardware		S/S Hex Cap Screw, Nut, Lock & Flat Washer	
Size & Thread		5/16"-18	
Cables		19" 4/0 interconnect cables *RE incl.	

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)
Self-Discharge Rate	5%-10% per month at 25°C (77°F)

Capacity

Cold Crank Amps (CCA) 0°F / -18°C	3580
Marine Crank Amps (MCA) 32°F / 0°C	4475
Reserve Capacity (RC @ 25A)	3644 Minutes
Reserve Capacity (RC @ 75A)	1215 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	**1959 AH**	**19.59 A**
@ 72 Hour Rate	**1852 AH**	**25.73 A**
@ 50 Hour Rate	**1754 AH**	**35.08 A**
@ 20 Hour Rate	**1518 AH**	**75.92 A**
@ 15 Hour Rate	**1412 AH**	**94.14 A**
@ 10 Hour Rate	**1351 AH**	**135.14 A**
@ 8 Hour Rate	**1306 AH**	**163.23 A**
@ 5 Hour Rate	**1215 AH**	**242.94 A**
@ 1 Hour Rate	**683 AH**	**683.28 A**

Specifications

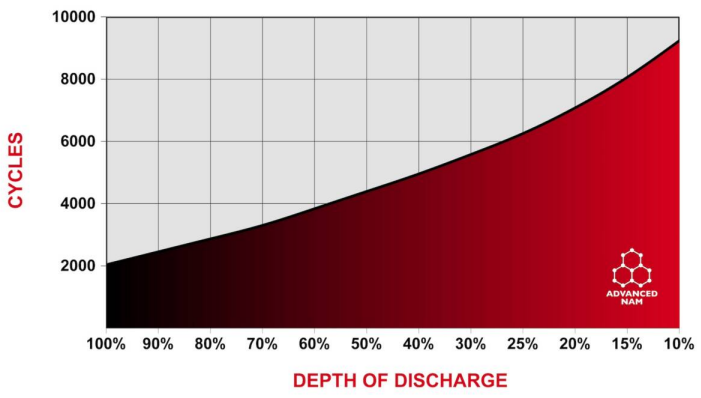
Weight	153.5 kg	338.5 lbs
Length	400 mm	15.75"
Width	270 mm	10.63"
Height Incl. Term.	629 mm	24.75"

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

Electrolyte Reserve	95 mm	3.75"
Container (Inner)	Polypropylene	
Cover (Inner)	Polypropylene - heat sealed to inner container	
Container (Outer)	High Density Polyethylene	
Cover (Outer)	High Density Polyethylene snap fit to outer container	
Handles	Molded	

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

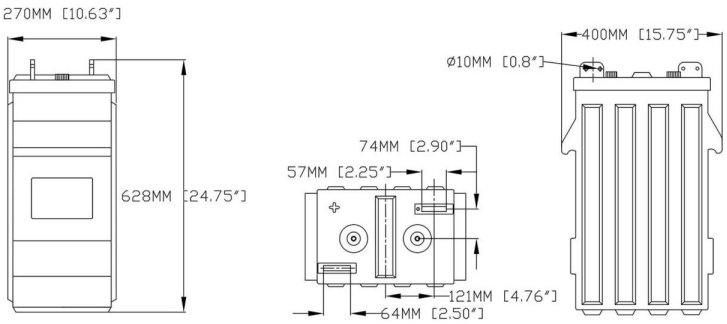
Cycle Life vs. Depth of Discharge



Voltage vs. Depth of Discharge

DISCHARGE	0%	25%	50%	75%	100%
20 HR AH RATE	2.10 V	2.05 V	2.02 V	1.96 V	1.75 V
6 HR AH RATE	2.10 V	2.04 V	2.00 V	1.95 V	1.75 V
1 HR AH RATE	2.10 V	2.03 V	1.99 V	1.94 V	1.75 V

Detailed Illustration



BATTERY COUNCIL INTERNATIONAL

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

intertek 0122624