Rolls

CANADA

FLOODED DEEP CYCLE BATTERY

4 KS 21P

Series	5000	Warranty	5 Years
Volts	4	Design	SPEC
Cells	2	Plates/Cell	21
Terminal Type		Flag	
Included Hardware		S/S Hex Cap Screw, Nut, Lock & Flat Washer	
Size & Threads		5/16"-18	
Cables		19" 4/0 interconnect cables *RE incl.	

Charge

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	2754
Marine Crank Amps (MCA) 32°F / 0°C	3443
Reserve Capacity (RC @ 25A)	2756 Minutes
Reserve Capacity (RC @ 75A)	919 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	**1481 AH**	**14.81 A**
@ 72 Hour Rate	**1401 AH**	**19.45 A**
@ 50 Hour Rate	**1326 AH**	**26.52 A**
@ 20 Hour Rate	**1148 AH**	**57.41 A**
@ 15 Hour Rate	**1068 AH**	**71.19 A**
@ 10 Hour Rate	**1022 AH**	**102.19 A**
@ 8 Hour Rate	**987 AH**	**123.43 A**
@ 5 Hour Rate	**919 AH**	**183.71 A**
@ 1 Hour Rate	**517 AH**	**516.67 A**

Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F).
Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

Specifications

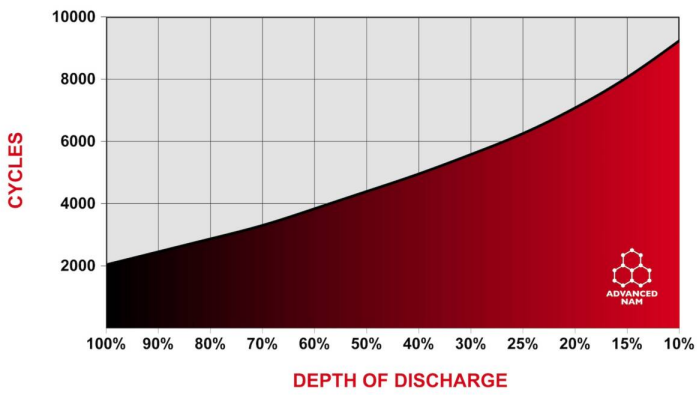
Weight	121 kg	267 lbs
Length	400 mm	15.75"
Width	238 mm	9.38"
Height Incl. Term.	629 mm	24.75"

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

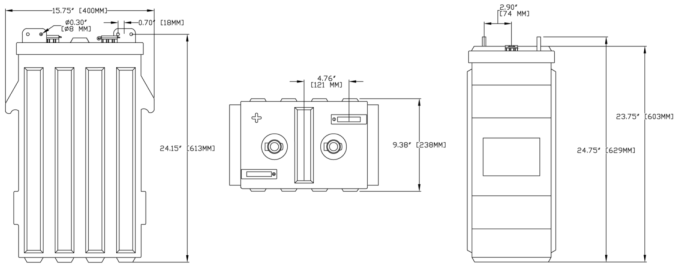
Cycle Life vs. Depth of Discharge



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



BCI BATTERY COUNCIL INTERNATIONAL

CE

ISO 9001:2015 CERTIFICATION intertek 0122624

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