



4000 Series

Rolls

Series 4000 and 5000 Batteries

These flooded, deep-cycle batteries feature extended standard warranties and double insulated-enveloped positive plates that eliminate the possibility of separator misalignment, cracked separators, treeing, or shorting at the bottom or sides. Each battery cell has increased liquid reserve levels resulting in fewer watering intervals. The 4000 Series is rated for a 10-year average life in cyclic applications and the 5000 Series is rated for up to 15 years. The 4000 series have rope handles, handles on 5000 series are molded into the outer case.

The 5000 series are constructed in a non-breakable modular dual container. Each 2-volt cell is assembled in its own inner polypropylene container within a moisture tight, heavy-duty protective outer container eliminating damage during handling or possibility of short circuits due to water or falling metal objects.

Series 4000 batteries carry a 24-month free replacement warranty (FOB factory) and include an 84-month adjustment period from date of installation. Series 5000 batteries carry a 36-month free replacement warranty (FOB factory) and include a 120-month adjustment period from date of installation (USA only). Freight allowance FOB destination with minimum weight quantities—call for details. Available dry charged. Terminal bolts not included-specify 5/16" x 1" st-st.



5000 Series

**4000 series
expected life cycles
vs. depth of discharge
(100 hr. rate/25°C)**

2688 @ 10% DOD
2048 @ 30% DOD
1536 @ 50% DOD

**5000 series
expected life cycles
vs. depth of discharge
(100 hr. rate/25°C)**

6600 @ 10% DOD
5040 @ 30% DOD
3840 @ 50% DOD

Part #	Model	Battery Series	Voltage DC	Plates Per Cell	Capacity 100 hr to 1.75 VPC (AH)	Capacity 20 hr to 1.75 VPC (AH)	Length	Width	Height	Weight Wet	Weight Dry	Warranty Months
6 volt (3 cell) Polypropylene Container												
209S460W	S-460	4000	6	15	460	350	12.3	7.1	16.8	117	90	84
209S530W	S-530	4000	6	17	530	400	12.3	7.1	16.8	127	100	84
2 volt (1 cell) Dual Container												
209007	2KS 33PS	5000	2	33	2490	1766	15.4	8.3	24.8	208	145	120
209016	2YS 31PS	5000	2	31	3426	2430	15.5	9	31.6	285		120
4 volt (2 cell) Dual Container												
2094CS17PS	4CS 17PS	5000	4	17	770	546	14.4	8.3	18.3	128	98	120
2094KS21PS	4KS 21PS	5000	4	21	1557	1104	15.8	9.4	24.8	267	186	120
2094KS25PS	4KS 25PS	5000	4	25	1900	1350	15.8	10.6	24.8	315	220	120
6 volt (3 cell) Dual Container												
2096CS17PS	6CS 17PS	5000	6	17	770	546	22	8.3	18.3	221	178	120
2096CS21PS	6CS 21PS	5000	6	21	963	683	22	9.8	18.3	271	217	120
2096CS25PS	6CS 25PS	5000	6	25	1156	820	22	11.3	18.3	318	254	120
8 volt (4 cell) Dual Container												
2098CS17PS	8CS 17PS	5000	8	17	770	546	28.25	8.25	18.25	294	238	120
2098CS25PS	8CS 25PS	5000	8	25	1156	820	28.25	11.25	18.25	424	342	120



R+ Recombination Cap

R+ Recombination Caps are able to catalytically recombine the hydrogen and oxygen gasses into pure water that returns to the battery cell. This drastically reduces the amount of "topping up" and virtually eliminates the danger of a hydrogen gas explosion. Corrosion is eliminated because the acid spray and fumes are contained within the cell. In general and under normal conditions, R+ Recombination Caps increase watering interval by three times - possibly up to one watering / maintenance interval per year. To avoid damaged and melted caps, always remove R+ Recombination Caps during equalization charge.

Part #	Model	Dimensions	Weight
209018	R+ Recombination Cap	1.6 diameter x 1.5	0.5 oz