

# RENEWABLE ENERGY

NEXT GENERATION BATTERIES



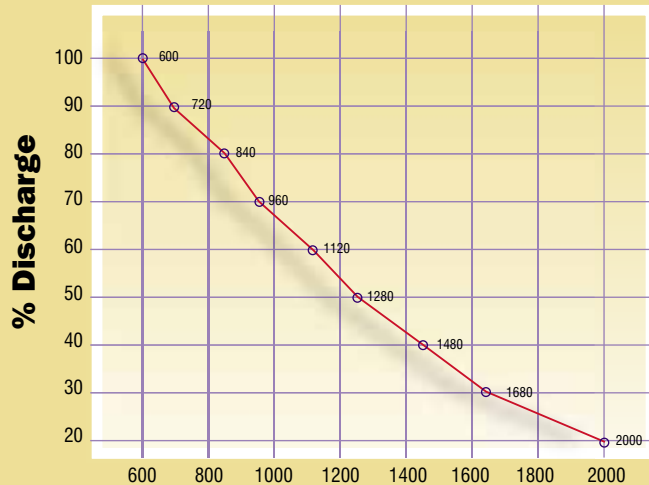
*Rolls*

**SOLAR SERIES** • *Take no chances – choose Rolls, the positive choice for life*

**Series 4000 (7 year warranty)**



**Cycle Life - 4000**



**Number of Cycles**  
 Unsurpassed cycling service  
 10 year average life expectancy!

**ROLLS SOLAR SERIES 4000 – TECHNICAL SPECIFICATIONS**

Part No	C100	C20	C10	Dimensions (mm) (Length x width x height)	Weight Dry (Kg)	Weight Wet (Kg)
<b>Series 4000 - 6 Volt (3 Cell) - Monoblock</b>						
S460	460	350	298	311 x 181 x 425	41	53
S530	530	400	340	311 x 181 x 425	45	58
<b>Series 4000 - 12 Volt (6 Cell) - Monoblock</b>						
24H T80	106	80	68	279 x 171 x 241	23	28
30H 108	144	108	92	335 x 171 x 248	26	33
T12 136	181	136	116	335 x 171 x 286	30	41
T12 250	266	200	170	391 x 178 x 365	44	57

**SOLAR SERIES 4000 Features & Benefits**

- Coupling of our thick plate design with highest density active material
- Enveloped Separators
- Increased Liquid Reserve
- Greater rigidity
- Greater durability
- Sediment chamber removed allowing higher plates to be used in the same sized cell, thus yielding greater capacity
- Unsurpassed cycling service, 7 year warranty – 10 year average life expectancy!
- Less maintenance

**Hydrocap:**



- Drastically reduce the amount of time and money you spend on “topping up” your batteries.
- Virtually eliminate the risk that venting of hydrogen gas can cause
- Contain corrosive elements - which increase the life of your battery and decrease cleaning time
- Provide the user with all the benefits of a flooded type battery with minimal maintenance similar to sealed batteries
- Increases watering interval by three times. This can be as long as 12 months.

## ROLLS SOLAR SERIES 5000 – TECHNICAL SPECIFICATIONS

Part No	C100	C20	C10	Dimensions (mm) (Length x width x height)	Weight Dry (Kg)	Weight Wet (Kg)
<b>Series 5000 - 2 Volt (1 Cell) - Dual Container</b>						
2 KS 33P	2491	1766	1501	392 x 211 x 630	66	95
2 YS 31P	3435	2430	2066	394 x 229 x 803	91	130
<b>Series 5000 - 4 Volt (2 Cell) - Dual Container</b>						
4 CS 17P	770	546	453	365 x 210 x 464	45	58
4 KS 21P	1557	1104	916	400 x 238 x 629	98	121
4 KS 25P	1900	1350	1121	400 x 270 x 629	100	143
<b>Series 5000 - 6 Volt (3 Cell) - Dual Container</b>						
6 CS 17P	770	546	453	559 x 210 x 464	81	100
6 CS 21P	963	683	567	559 x 248 x 464	99	123
6 CS 25P	1156	820	681	559 x 286 x 464	115	145
<b>Series 5000- 12 Volt (6 Cell) - Dual Container</b>						
12 CS 11P	503	357	296	559 x 286 x 464	100	124

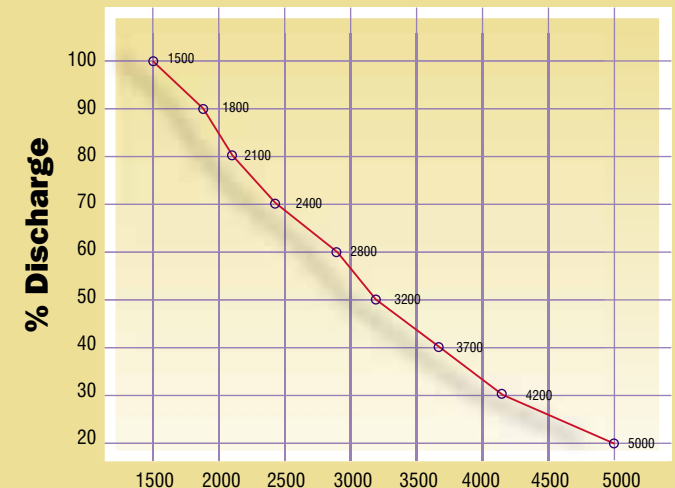
## SOLAR SERIES 5000 Features & Benefits

- Dual Container Modular Construction.
- Coupling of our thick plate design with highest density active material
- Enveloped Separators
- Increased Liquid Reserve
- Elimination of “stray” current
- No acid leakage
- Easy “on-site” assembly/disassembly. (No special tools or skills required)
- Significantly less connections, eliminating many points of failure, thus increasing charging efficiency
- Sediment chamber removed allowing higher plates to be used in the same sized cell, thus yielding greater capacity
- Unsurpassed cycling service, 10 year warranty – 15 years average life expectancy!
- Less maintenance
- Link leads, terminal covers

**Series 5000  
(10 year warranty)**



## Cycle Life - 5000



**Number of Cycles**  
Unsurpassed cycling service  
15 year average life expectancy!

# Rolls

## **Double Insulated Positives**

The positives are double insulated and sealed in a non-destructive polyethylene envelope eliminating the cause of most battery malfunctions.



## **Dual Container**

Our unique battery design features dual container construction. Each cell is self-contained in a high temperature-retardant, durable polypropylene case that is heat-density unbreakable polyethylene, giving you double protection against breakage or leakage.

## **Rugged Plates**

Our heavier rezistox plates put more metal where it counts. This results in more resistance to corrosion and allows for a greater amount of active material. Our exclusive multiplate engineering increases active plate surface by 33% for high discharge rates.

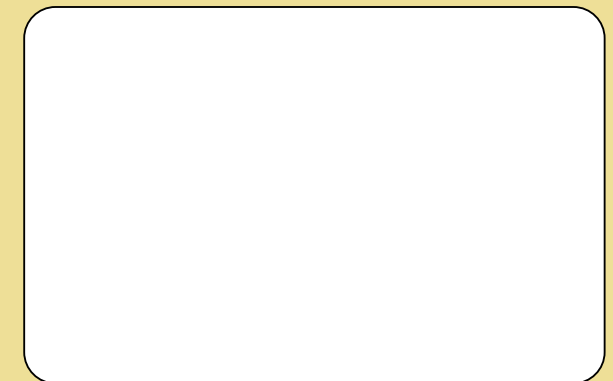
## **Removable Cells**

Removable cells permit easy transportation, installation and removal. Likewise if a cell has to be replaced, it can be done without special tools or skills.



# a reputation well earned!

Rolls have been producing premium batteries specifically designed for the renewable energy market since 1984. That's why those who can't afford to go without power know they can't afford to trust anyone else.



European distributor: Barden UK Limited  
[www.rolls-europe.com](http://www.rolls-europe.com)

**ROLLS** – *for peace of mind and dependable power*