

# Renewable Energy

NEXT GENERATION BATTERIES



*Roll's*

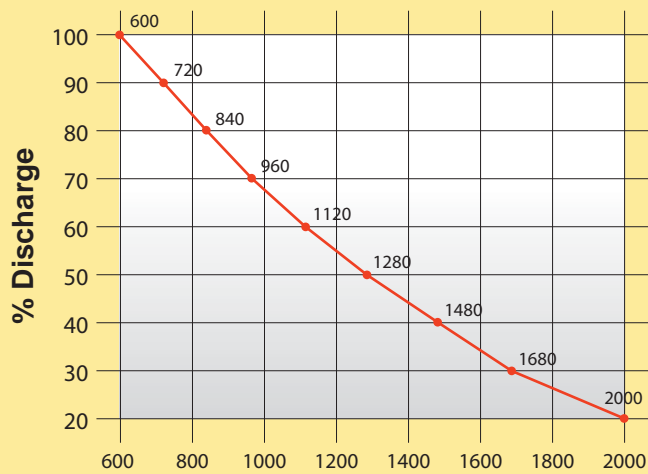
SOLAR SERIES • Flooded & AGM Range

# ROLLS SOLAR SERIES 4000 - TECHNICAL SPECIFICATIONS

## Series 4000 (7 year warranty)



### Cycle Life - 4000



#### Number of Cycles

Unsurpassed cycling service  
10 year average life expectancy!

Part No.	Capacity in Ah at			Dimensions (mm) Length x width x Height	Weight Dry (Kg)	Weight Wet (Kg)
	C100	C20	C10			
<b>Series 4000 – 2Volt (1 Cell) – Polypropylene Container</b>						
S1380	1380	1050	893	318 x 181 x 426	35	52
<b>Series 4000 – 6Volt (3 Cell) – Polypropylene Container</b>						
S460	460	350	298	318 x 181 x 426	35	52
S530	530	400	340	318 x 181 x 426	43	56
S600	600	450	383	318 x 181 x 426	46	59
<b>Series 4000 – 12Volt (6 Cell) – Polypropylene Container</b>						
24HT 80	100	80	68	279 x 171 x 241	21	28
30H 108	144	108	92	345 x 171 x 248	26	33
T12 136	181	136	116	345 x 171 x 286	30	41
T12 250	250	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

#### Recombiner Cap:

- 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 intervals by three times. This can be as long as 12 months



## ROLLS SOLAR SERIES 5000 - TECHNICAL SPECIFICATIONS

Part No.	Capacity in Ah at			Dimensions (mm) Length x width x Height	Weight Dry (Kg)	Weight Wet (Kg)
	C100	C20	C10			
<b>Series 5000 – 2Volt (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 – 4Volt (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 – 6Volt (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 – 12Volt (6 Cell) – Dual Container</b>						
12 CS 11P	503	357	296	559 x 286 x 464	100	124

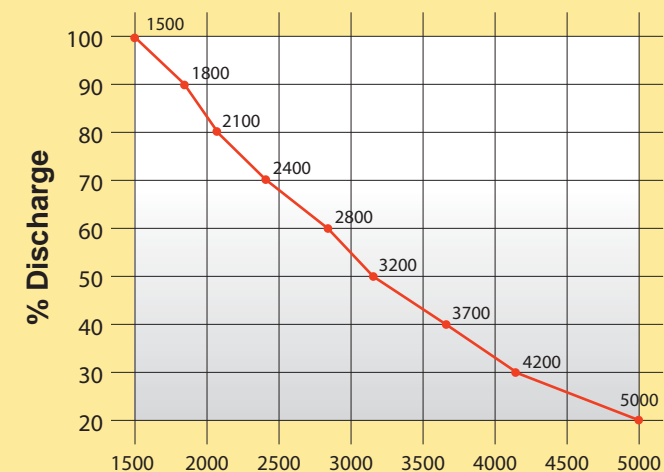
### SOLAR SERIES 5000 Features & Benefits

- 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!

**\* AGM Range Available - See Reverse For Details**

## ROLLS SOLAR AGM SERIES - TECHNICAL SPECIFICATIONS

Part No.	Capacity in Ah at			Terminal Type	Dimensions (mm) Length x Width x Height	Weight (Kg)
	C100	C20	C10			
<b>Rolls AGM 6V Deep Cycle Series</b>						
S6-275AGM	275	250	229	M8-TP08	262 x 181 x 273	35
S6-370AGM	370	335	300	DT	295 x 178 x 366	48
S6-460AGM	460	415	374	DT	295 x 178 x 424	56

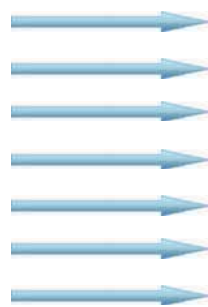
<b>Rolls AGM 12V Deep Cycle Series</b>						
S12-95AGM	94	85	77	M6-TP08	260 x 169 x 237	25
S12-128AGM	128	115	104	M8-TP08	328 x 172 x 236	33
S12-160AGM	161	145	131	M8-TP08	341 x 173 x 309	44
S12-230AGM	231	210	189	LT	530 x 209 x 218	61
S12-240AGM	237	215	193	DT	381 x 178 x 371	60
S12-290AGM	290	260	234	LT	521 x 269 x 224	78

<b>Rolls AGM 2V Deep Cycle Series</b>						
S2-590AGM	590	550	500	M8	241 x 172 x 365	32
S2-945AGM	945	880	800	M8	414 x 175 x 365	54
S2-1180AGM	1180	1100	1000	M8	474 x 175 x 365	64
S2-1895AGM	1895	1750	1600	M8	401 x 347 x 378	104
S2-2375AGM	2375	2200	2000	M8	490 x 349 x 382	130
S2-3560AGM	3560	3300	3000	M8	711 x 353 x 382	196

### Rolls Deep Cycle AGM Series

#### Features:

- Sealed construction
- High density paste
- Heavy duty thick grids
- ABS case and cover
- Low internal resistance
- Microporous glass mat separator
- Available in all standard sizes



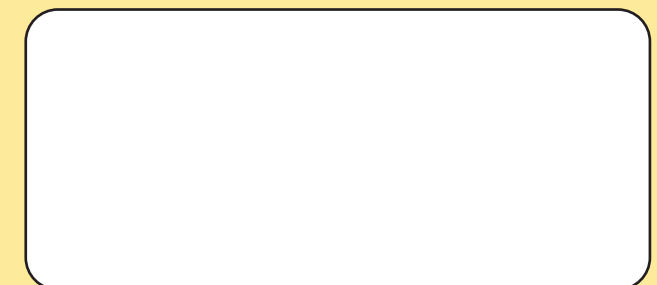
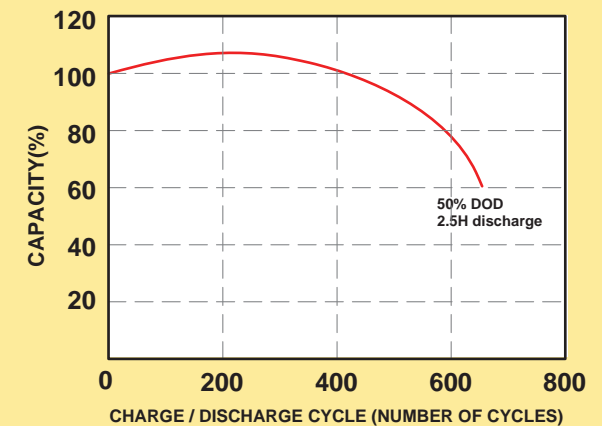
#### Benefits:

- Maintenance-free, spill proof, non hazardous
- High capacity and long life
- True deep cycle construction
- Rugged construction, shock and vibration resistant
- Faster recharge time
- Enhanced electrolyte retention maximises capacity
- Meets all application requirements

## AGM Series (5 year warranty)



### Cycle Life vs. Depth of Discharge



[www.rolls-battery.com](http://www.rolls-battery.com)

European Sales & Marketing: Barden UK Limited