

**Rolls**

**RENEWABLE BROCHURE**

## World Class Battery Engineering

### *Flooded & AGM Batteries*



## ROLLS RENEWABLE



## WORLD CLASS BATTERY ENGINEERING

**Rolls batteries are manufactured in Nova Scotia, Canada by the Surrette battery company, who have been in the battery manufacturing business since 1935.**

**Premium Battery Brand  
Excellent Stock Availability  
Fast Order Processing & Delivery  
Technical Back Up & System Support  
Competitive Commercial Terms  
Controlled Distribution Channels**

## PRODUCT OF CANADA

## USED IN SYSTEMS AROUND THE WORLD

**Rolls premium deep cycle batteries have earned a reputation of reliability and dependability in the renewable energy market.**

Projects have ranged from remote village electrification in Africa and



***Rolls***

# 4000 SERIES

## Rolls Flooded 4000 Series Batteries

The Rolls 4000 series batteries are available in 2V, 6V or 12V configuration and

### Features:

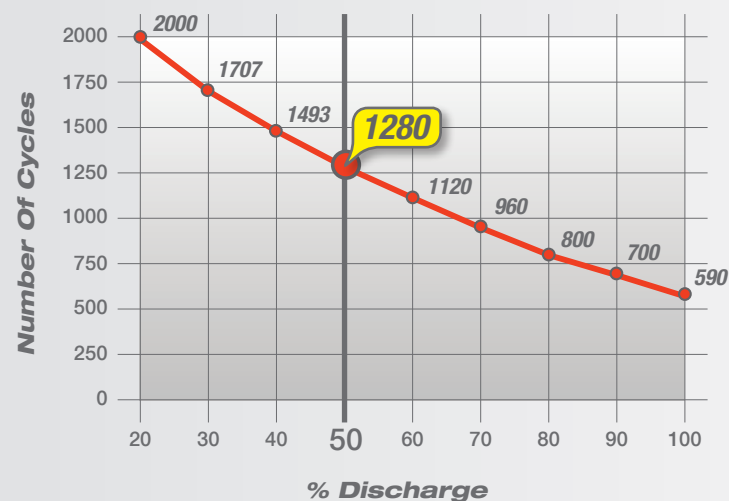
- *Thick Plate Design*
- *Highest Density Active Material*
- *Envelope Separators*
- *Increase Liquid Reserve*
- *Greater Rigidity*
- *Greater Durability*
- *Less Maintenance*



**4000 Series - 7 Year Warranty**

Part Number	Voltage	Capacity in Ah			Dimensions (mm) L x W x H	Weight Dry (Kg)	Weight Wet (Kg)
		C100	C20	C10			
SERIES 4000 - 2 VOLT (1 CELL) - POLYPROPELENE CONTAINER							
S1450							
S1660							
S1860							
SERIES 4000 - 6 VOLT (3 CELL) - POLYPROPELENE CONTAINER							
S290							
S480							
S550							
S605							
SERIES 4000 - 12 VOLT (6 CELL) - POLYPROPELENE CONTAINER							
24HT 80							
27HT 90							
31HT 120							
T12 136							
T12 250							

**Cycle Life vs. Depth of Discharge**



# 4500 SERIES

## Rolls Flooded 4500 Series Batteries



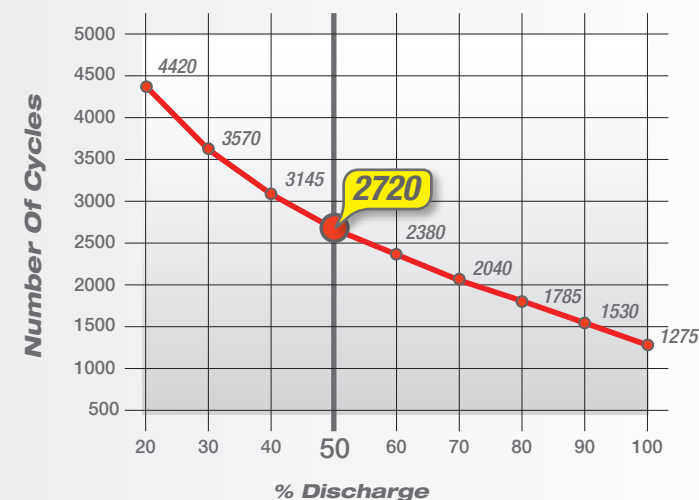
**4500 Series - 7 Year Warranty**

Part Number	Voltage	Capacity in Ah			Dimensions (mm) L x W x H	Dry Weight (Kg)	Wet Weight (Kg)
		C100	C20	C10			
4500 SERIES - 2 VOLT							
S-1400EX							
4500 SERIES - 6 VOLT							
S-500EX							

### Features:

- *Water-Miser Fitted As Standard*
- *Compact Design - For Easy Handling and Installation*
- *Superior Cycling Performance - 2720 @ 50% D.O.D*
- *Extended Warranty For Maximum System Durability*
- *Rugged Plate Construction With Resistox Technology*
- *Full Pocket Enveloped Wrapped Positive Plates*
- *High Density Active Material Compound*

**Cycle Life vs. Depth of Discharge**



## ACCESSORIES



**Water-Miser**

⋮



**Maintenance Kit**

⋮



**Battery Accessories**

⋮



**System Components**

⋮

# 5000 SERIES

## Rolls Flooded 5000 Series Batteries

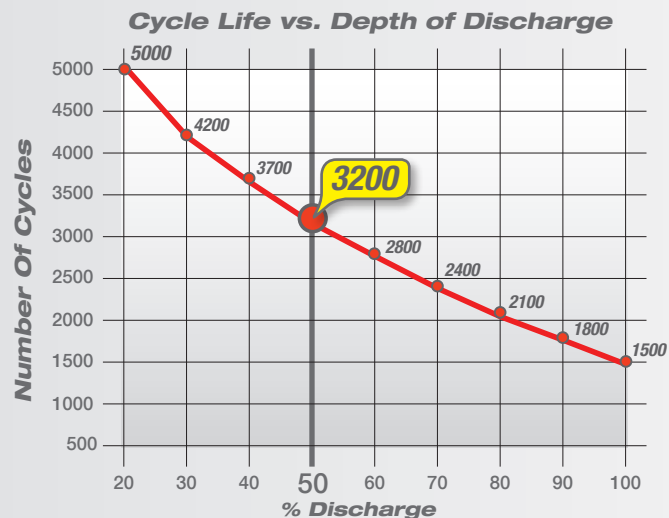
### Features:

- *Water-Miser Fitted As Standard*
- *Dual Container Construction*
- *Thick Plate Design*
- *Highest Density Active Material*
- *Envelope Separators*
- *Increase Liquid Reserve*
- *Eliminate Stray Current*
- *No Acid Leakage*



**5000 Series - 10 Year Warranty**

Part Number	Voltage	Capacity in Ah			Dimensions (mm) L x W x H	Weight Dry (Kg)	Weight Wet (Kg)
		C100	C20	C10			
SERIES 5000 - 2 VOLT (1 CELL) - DUAL CONTAINER							
2 KS 33P							
2 OS 33P							
2 YS 27P							
2 YS 31P							
2 YS 62P							
SERIES 5000 - 4 VOLT (2 CELL) - DUAL CONTAINER							
4 CS 17P							
4 KS 21P							
4 KS 25P							
4 KS 27P							
SERIES 5000 - 6 VOLT (3 CELL) - DUAL CONTAINER							
6 CS 17P							
6 CS 21P							
6 CS 25P							
6 CS 27P							
SERIES 5000 - 12 VOLT (6 CELL) - DUAL CONTAINER							
12 CS 11P							



**Rolls AGM Series 2**

flooded wet batteries.



# AGM SERIES 5

## Rolls AGM Series 5 Batteries

### Features:

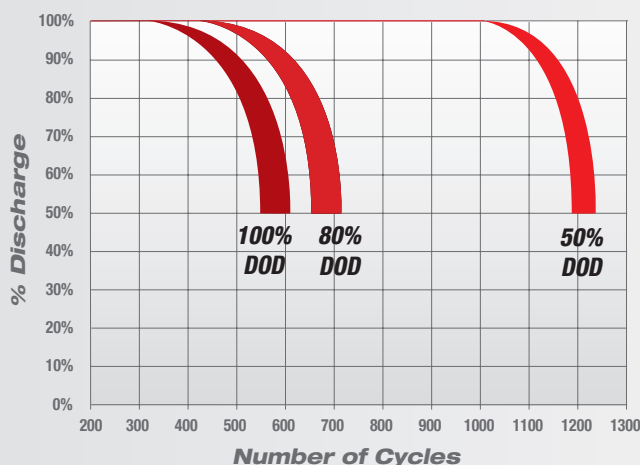
- **Sealed Construction - Maintenance Free**
- **High Density Plate - High Capacity**
- **Heavy Duty Thick Grids - True Deep Cycle Construction**
- **ABS Case and Cover - Shock and Vibration Resistant**
- **Low Internal Resistance - Faster Recharge**
- **Microporous Glass Matt Separator - Enhanced Electrolyte Retention**
- **All Standard Sizes Available - For All Application Requirements**



**AGM Series - 5 Year Warranty**

Part Number	Voltage	Capacity in Ah			Terminal Type	Dimensions (mm) L x W x H	Weight (Kg)
		C100	C20	C10			
AGM SERIES 5 - 2 VOLT							
S2-1275AGM							
AGM SERIES 5 - 6 VOLT							
S6-275AGM							
S6-370AGM							
S6-460AGM							
AGM SERIES 5 - 12 VOLT							
S12-95AGM							
S12-116AGM							
S12-128AGM							
S12-160AGM							
S12-230AGM							
S12-240AGM							
S12-290AGM							

**Cycle Life vs. Depth of Discharge**



*Rolls*

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