

# LEXRON<sup>®</sup>

PREMIUM QUALITY GEL BATTERIES

LEXRON

GEL TYPE

- ✓ *Deep Cycle*
- ✓ *Maintenance Free*
- ✓ *Long Service Life*

## LEXRON GEL SERIES

LEXRON is gel type battery with excellent deep cycle characteristics. Float design life is 12 years and it is ideal for use in harsh environmental conditions. It is suitable for use in Solar Systems, UPS Applications, Tele-communication Systems.

### 01 Deep Cycle

Lexron gel technology protects the plates from stratification and increases the number of cycles the battery can withstand.

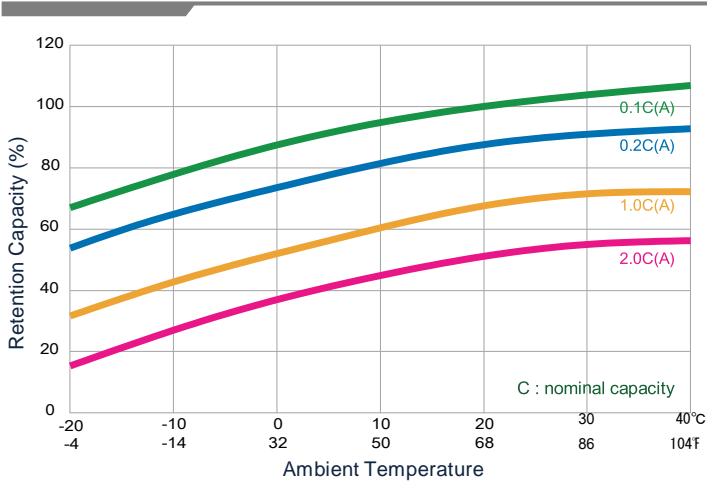
### 02 Maintenance Free

Valve regulation system makes it free of maintenance free.

### 03 Long Service Life

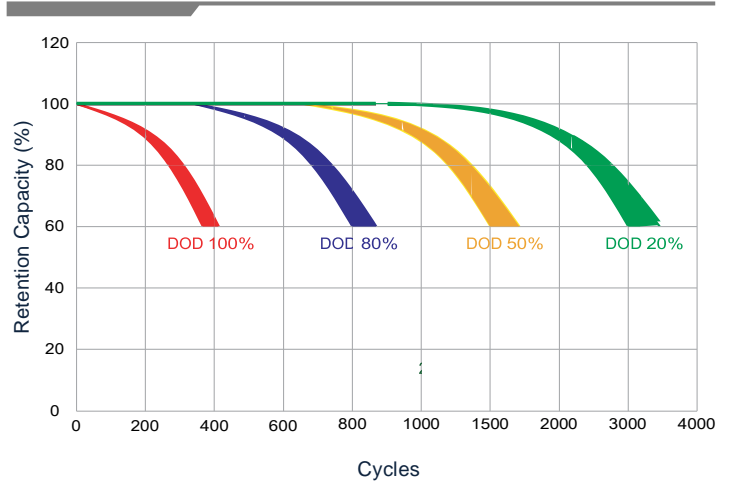
High-density lead calcium combination is used with the gel electrolyte in order to reduce the sulfation significantly.

### Effect of temperature on capacity



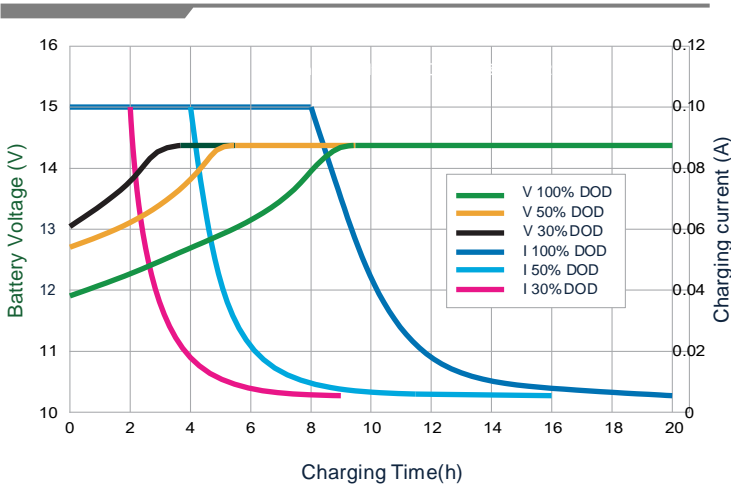
### Cycle life characteristic

Discharge Current: 0,17C Amphere(cut-off 1,70V/Cell) Charging Current: 2,40V/cell,  
Charging: 120% of discharge capacity MAX 0,25CA

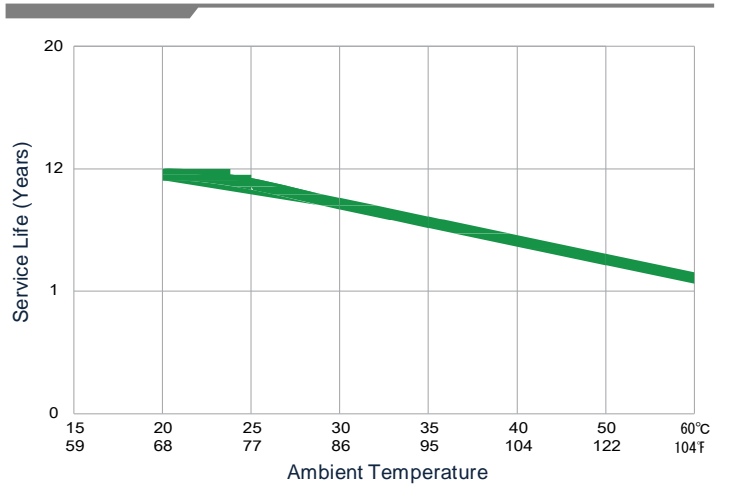


### DOD % vs Recharging time curve

Recharge Voltage&Current&Time  
2,40VPC 0,1CA



### Floating life characteristics



## LEXRON GEL SERIES SPECIFICATIONS

Type	Voltage	Capacity (AH)				Dimensions				Weight (kg)	Terminal Type (STD)
		20HR	10HR	5HR	1HR	Length (mm)	Width (mm)	Height (mm)	T.Height (mm)		
GEL-40AH	12	42,0	40,0	35,2	31,3	198	166	169	169	12,4	F
GEL-55AH	12	57,8	55,0	48,4	43,0	229	138	211	216	17,5	F
GEL-65AH	12	68,4	65,0	57,2	50,8	350	167	182	182	19,5	F
GEL-105AH	12	105,0	100,0	92,0	64,0	368	172	210	219	31,0	F
GEL-160AH	12	160,0	153,0	141,0	99,0	522	240	215	221	44,2	F
GEL-210AH	12	210,0	200,0	184,0	132,0	522	240	215	221	58,0	F

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