

# 12V 75AH RELION LITHIUM BATTERY

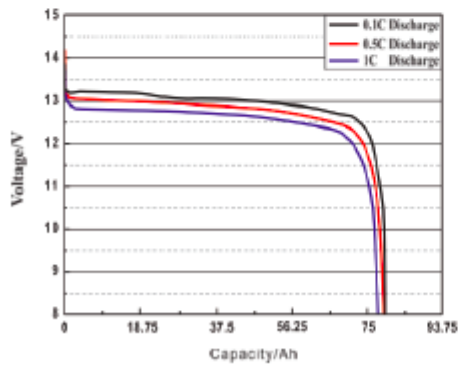


## CYCLE LIFE

CAPACITY AT DIFFERENT CYCLES AT 100% DOD

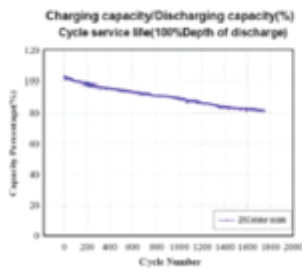
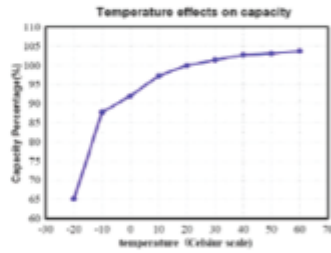
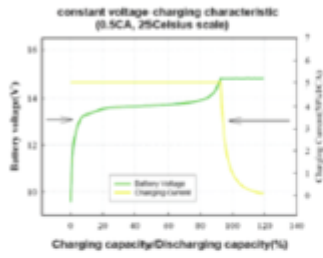
|             |      |
|-------------|------|
| 100 cycles  | 99.7 |
| 500 cycles  | 96.3 |
| 1000 cycles | 90.8 |
| 1500 cycles | 85.4 |
| 2000 cycles | 80.1 |

## 12V 75AH LITHIUM ION BATTERY



- Amp Hours: 75AH
- Voltage: 12.8V Nominal
- Peak Amps: 750
- Life Expectancy: 3000-5000 Cycles
- Weight (Battery Only): 26lbs / 11.34kg
- Efficiency: 99%
- Minutes at 20A: 225
- Max Continuous Charge: 1C = 75A
- Max Continuous Discharge: 1C = 75A
- Operating Temperature: -4 + 158 F / -20 + 70 C
- Auto Low Voltage Cutoff: 8V - 10V
- Auto Over Voltage Cutoff: 15.8V
- Charge Voltage: CC/CV 14.6V / Float 13.8V
- Max Series Connection: 4
- Max Parallel Connection: 4
- Cell Type: Cylindrical LFP04

WWW.RELIONBATTERY.COM | 844.385.9840



# 12V 80AH RELION LITHIUM BATTERY

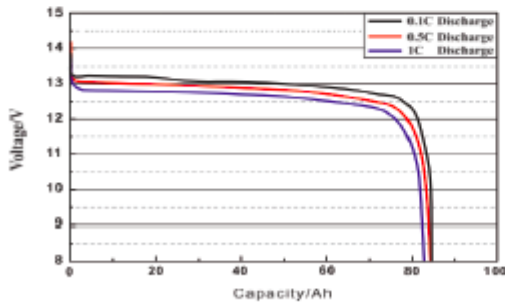


### CYCLE LIFE

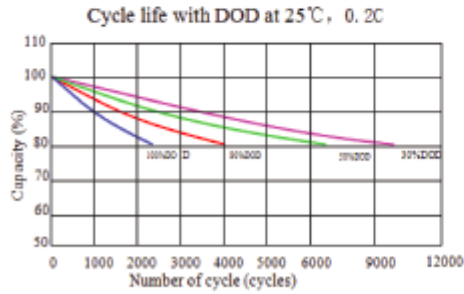
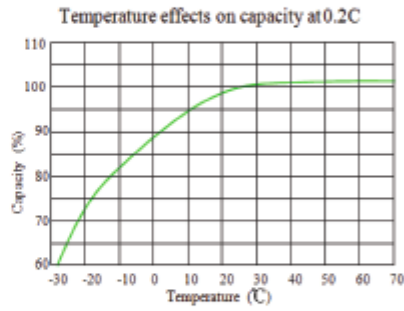
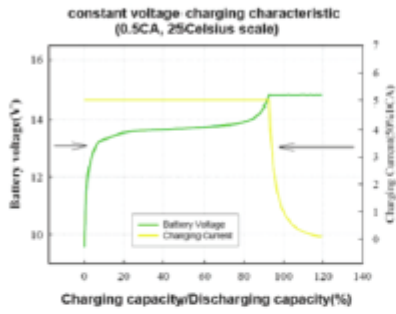
#### CAPACITY AT DIFFERENT CYCLES (%)

|             |      |
|-------------|------|
| 100 cycles  | 99.7 |
| 500 cycles  | 96.3 |
| 1000 cycles | 90.8 |
| 1500 cycles | 85.4 |
| 2000 cycles | 80.1 |

## 12V 80AH LITHIUM ION BATTERY



- Amp Hours: 80AH
- Voltage: 12.8V Nominal
- Peak Amps: 800
- Life Expectancy: 3000-5000 Cycles
- LiFePO4 - Safe Battery
- Weight: 25lbs. / 11.34kg
- Efficiency: 99%
- Minibus at 20A: 240
- Memory: None
- Max Continuous Charge: 1C = 80A
- Max Continuous Discharge: 100A
- Operating Temperature: -4 + 158 F / -20 + 70 C
- Auto Low Voltage Cutoff: 8V - 10V
- Auto Over Voltage Cutoff: 15.8V
- Charge Voltage: CC/CV 14.6V / Float 13.8V
- Capacity at different cycles at 100% DOD



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# 12V 100AH RELION LITHIUM BATTERY

# RELION™

RD100 LITHIUM ION BATTERY



6.77 in.  
172 mm

12.95 in.  
329 mm

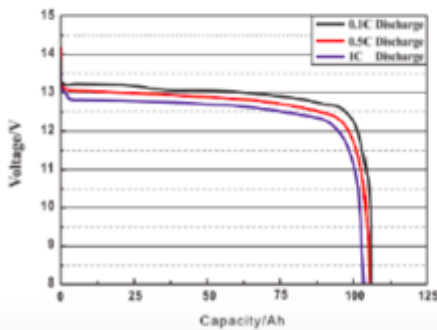
8.5 in.  
216 mm

## CYCLE LIFE

CAPACITY AT DIFFERENT CYCLES AT 100% DOD

|             |      |
|-------------|------|
| 100 cycles  | 99.7 |
| 500 cycles  | 96.3 |
| 1000 cycles | 90.8 |
| 1500 cycles | 85.4 |
| 2000 cycles | 80.1 |

## 12V 100AH LITHIUM ION BATTERY



Amp Hours: 100AH  
Voltage: 12.8V Nominal  
Peak Amps: 1000  
Life Expectancy: 3000-5000 Cycles  
Weight (Battery Only): 32lbs / 14.51kg  
Efficiency: 99%  
Minutes at 20A: 240  
Max Continuous Charge: 1C = 100A  
Max Continuous Discharge: 1C = 100A  
Operating Temperature: -4 + 158 F / -20 + 70 C  
Auto Low Voltage Cutoff: 8V - 10V  
Auto Over Voltage Cutoff: 15.8V  
Charge Voltage: CC/CV 14.6V / Float 13.8V  
Max Series Connection: 4  
Max Parallel Connection: 4  
Cell Type: Cylindrical LFP04

# 12V 200AH RELION LITHIUM BATTERY

# 12V 260AH RELION LITHIUM BATTERY