



# LITHIUM PRO

ADVANCED LiFePO4 TECHNOLOGY

## C12-100XLi+

**100AH LITHIUM IRON PHOSPHATE  
LiFePO4 DEEP CYCLE BATTERY**

12.8V

100Ah

1280WH

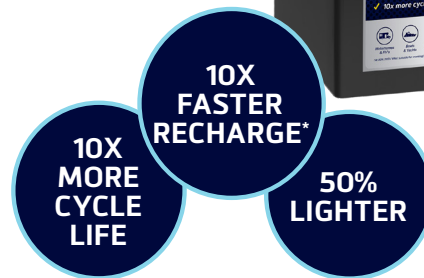
3000+  
CYCLES

Century Lithium Pro batteries are designed to provide long lasting power in recreational deep cycle applications. Capable of delivering over 3000 cycles<sup>1</sup>, 50% more usable energy and up to 10x faster recharging\*. They are suitable as a drop-in replacement for standard 12V Flooded, Gel or AGM Deep Cycle batteries.<sup>^</sup>

### APPLICATIONS

Century Lithium Pro batteries are ideal for use in a range of applications where longer life, faster recharge and dependable power is required.

Marine, 4x4 Dual Battery Systems, Caravans, Camper Trailers, Portable Solar, Recreational Vehicles.



### FEATURES & BENEFITS



#### Longer Service Life

3000+ cycles @80% DOD



#### Advanced BMS System

Control system to regulate and protect battery cells during operation



#### Wide Operating Temperature

Suitable for use in a range of applications and operating conditions (0°C to 45°C)



#### Superior Energy Capacity

More usable power from smaller footprint



#### ABS & PC Casing

Flame retardant and hardwearing casing for increased protection



#### Bluetooth Monitoring System

Monitors capacity, voltage, current, SOC, SOH, number of cycles and remaining run time



#### Superior Recharge Efficiency

10X faster recharge for less downtime & deep discharge recovery



#### Multi-Angle Fitment

90° side mount for fitment flexibility<sup>2</sup>



#### IP65 Rated

Protection against contamination from dust & water



#### Low Self Discharge

<3% Self discharge per month for increased energy retention when not in use



#### Regulatory Compliance Mark

Fully compliant to Australian & New Zealand electrical safety regulations



#### Constant Power Delivery

Delivers the same amount of power during the entire discharge cycle



#### LPCM (Low power consumption mode)

Minimises power without completely shutting the battery down



#### Series/Parallel Circuits

Maximum 4 batteries in series or 4 batteries in parallel



#### Lightweight Design

Approximately half the weight of lead acid equivalent

### CERTIFICATIONS:

#### IEC62619

Specifies safety requirements for secondary lithium cells and batteries.

#### IEC61960

ESD immunity testing.

#### IEC60095 v3

Vibration testing.

#### AS/NZS CISPR 32

EMC emission testing to meet RCM compliance.

#### UN38.3

Tests to ensure the safety of lithium batteries during transportation.

### BLUETOOTH MONITORING SYSTEM

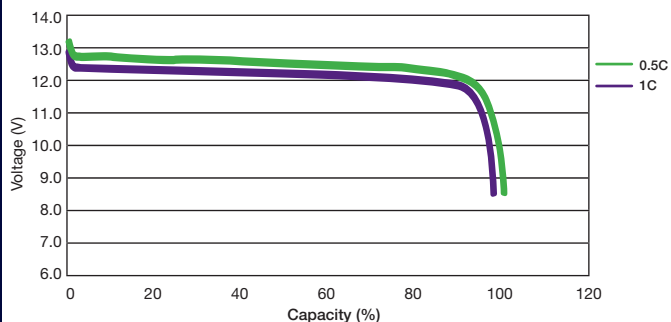
The C12-100XLi+ incorporates a state-of-the-art Bluetooth monitoring system to monitor battery capacity, state of charge, state of health, voltage, number of cycles and remaining run time. This provides maximum control over the performance and life of your battery from your smart device.

### LOW POWER CONSUMPTION MODE (LPCM)

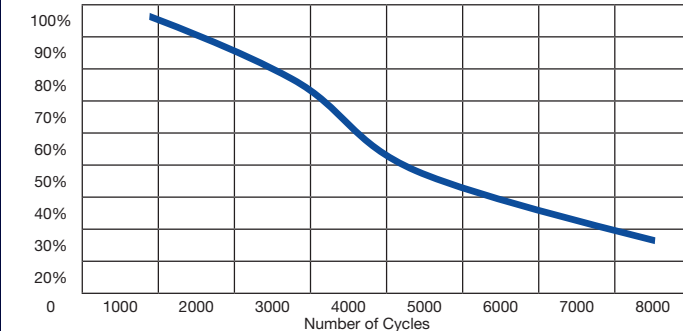
Automatically lowers the battery's energy use after 72 hours of minimal draw (less than 1A), helping to reduce self-discharge and extend battery life.

1. At 80% DOD / # Not suitable for cranking/starting and under bonnet, grid connected solar systems or float charge applications. \*Compared with standard flooded lead acid battery. ^When used within recommended operating conditions and in conjunction with a compatible Lithium charger or charging system. <sup>2</sup>Where feasible, always install upright to optimise the performance under a dynamic vibration condition

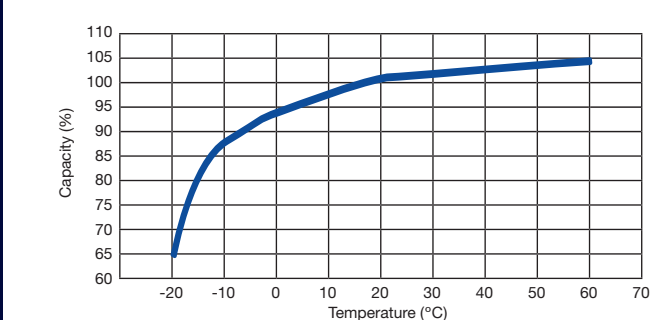
## DISCHARGE CHARACTERISTICS



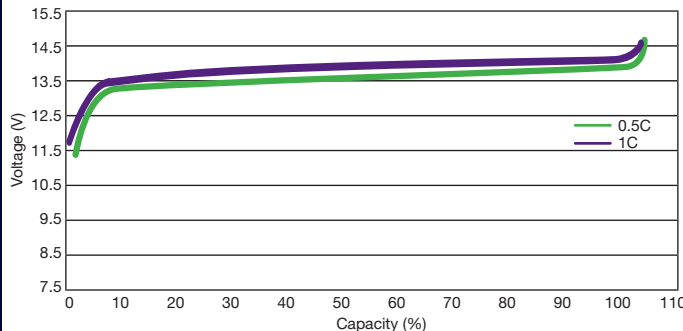
## NUMBER OF CYCLES



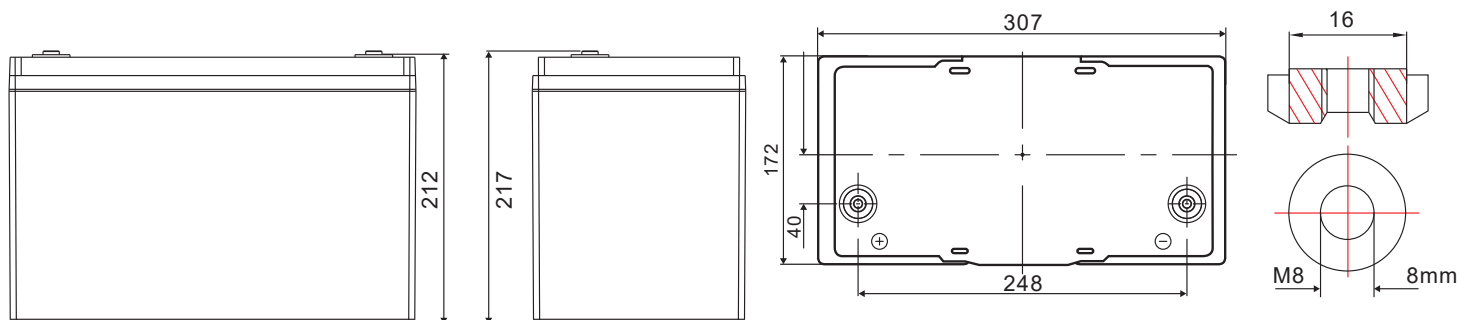
## TEMPERATURE EFFECT ON CAPACITY



## CHARGING CHARACTERISTICS



## DIMENSIONS (mm) (N70 BATTERY SIZE)



## PRODUCT SPECIFICATIONS

Item ID	117103	Terminal Type:	M8 Terminal Bolts (10-12Nm)
Battery Type	C12-100XLi+	Standard Charging Current:	50A
Barcode	9313857336576	Maximum Charging Current:	100A
Warranty:	5 Years Recreational Use <sup>2</sup>	Charging Temperature:	0°C to +45°C
Technology	LiFePO4	Charging Voltage:	14.4V
Cell Structure	Prismatic Cell	Standard Discharge Current:	50A
Voltage:	12.8V	Maximum Discharge Current:	100A
Ah:	100Ah	Discharge Temperature:	-20°C to +55°C
Watt-Hour:	1280WH	Maximum Connection:	4 in Series OR 4 in Parallel
Number of Cycles:	3000+ Cycles @80% DOD	Inverter Information:	1x Battery = 1000W Max 2x Battery Parallel = 2000W Max
Weight (Approx):	12.6kg	IP Rating:	IP65

<sup>2</sup> Conditions apply see product for more details

For more information visit  
[centurybatteries.com.au](http://centurybatteries.com.au) or call 1300 362 287  
[centurybatteries.co.nz](http://centurybatteries.co.nz) or call 0800 93 93 93

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 Batteries that last and last