Century

LITHIUM PRO

ADVANCED LiFePO4 TECHNOLOGY

C12-100XLi

100AH LITHIUM IRON PHOSPHATE LiFePO4 DEEP CYCLE BATTERY

12.8V | **100Ah** | **1280WH** | **3000+ CYCLES**

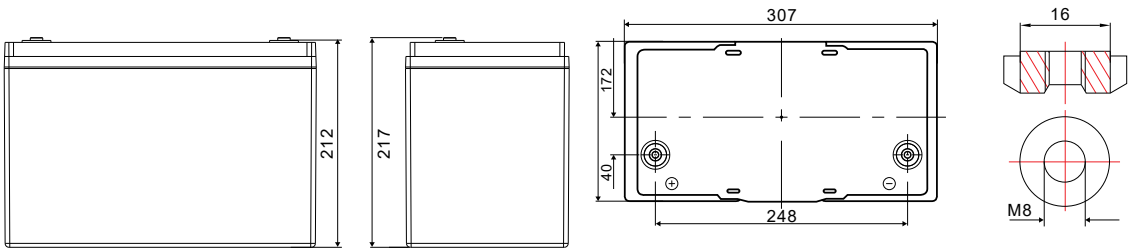
Century Lithium Pro batteries are designed to provide long lasting power in recreational deep cycle applications. Capable of delivering over 3000 cycles[1], 50% more usable energy and up to 10X faster recharging* they are suitable as a drop-in replacement for standard 12V Flooded, Gel or AGM Deep Cycle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

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

APPLICATIONS

Marine, 4x4 Dual Battery Systems, Caravans, RV's, Camper Trailers, Portable Solar, Recreational Vehicles

DIMENSIONS (mm)



PRODUCT SPECIFICATIONS

Item ID	117100	Terminal Type:	M8 Terminal bolts (10-12Nm)
Battery Type	C12-100XLi	Standard Charging Current:	50A
Barcode	9313857334930	Standard Discharge Current:	50A
Warranty:	3 years recreational use[2]	Charging Temperature:	0°C to +45°C
Technology	LiFePO4	Charging Voltage:	14.4V
Cell Structure	Prismatic Cell	Maximum Charging Current:	100A
Voltage:	12.8V	Maximum Discharge Current:	100A
Ah:	100Ah	Discharge Temperature:	-20°C to +50°C
Watt-Hour:	1280Wh	Maximum Connection:	4 in series 2 in parallel
Number of Cycles:	3000+ cycles @80% DOD	Case Material:	ABS & PC
Weight:	13.5Kg	IP Rating:	IP65

CERTIFICATIONS
UN38.3 ISO IEC

*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. [2]Conditions apply see product for more details*

FEATURES & BENEFITS

Longer Service Life
3000+ cycles @80% DOD

Superior Energy Capacity
More usable power from smaller footprint, reducing system and footprint requirements

Superior Recharge Efficiency
10X faster recharge for less downtime & deep discharge recovery

Low Self Discharge
<2% Self discharge per month for increased energy retention when not in use

Lightweight Design
Half weight of lead acid equivalent – ideal for weight restricted and GVM applications

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

Constant Power Delivery
Delivers the same amount of power during the entire discharge cycle

Advanced BMS System
Control system to regulate and protect battery cells during operation

Bluetooth Monitoring System
Monitors capacity, voltage, current, SOC, SOH, number of cycles and run time

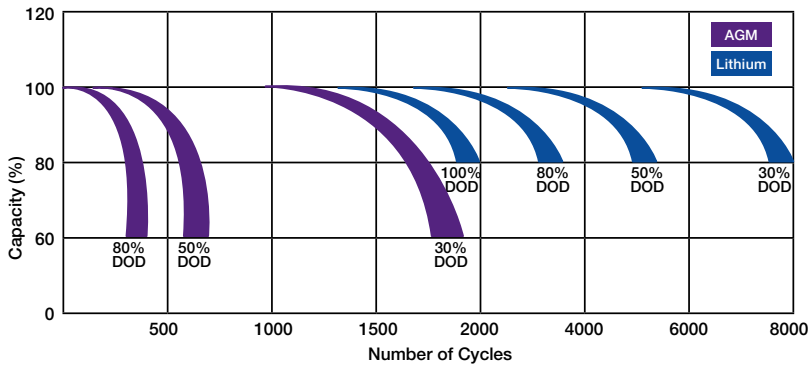
ABS & PC Casing
Flame retardant and hardwearing casing for increased protection

IP65 Rated
Protection against contamination from dust & water

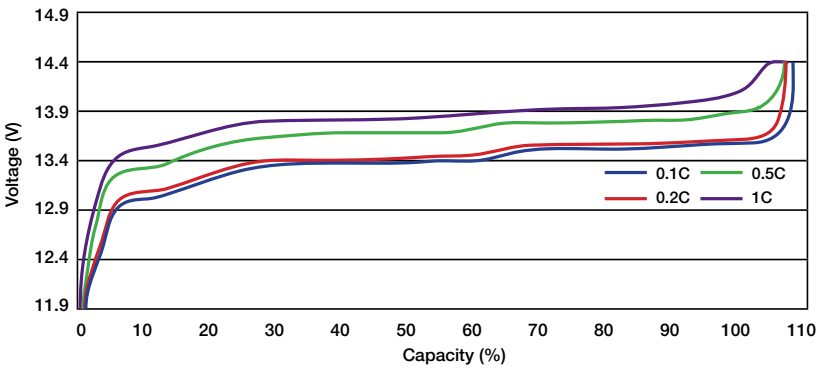
Multi-Angle Fitment
90°side mount for fitment flexibility+

+Where feasible, always install upright to optimise the performance under a dynamic vibration condition.

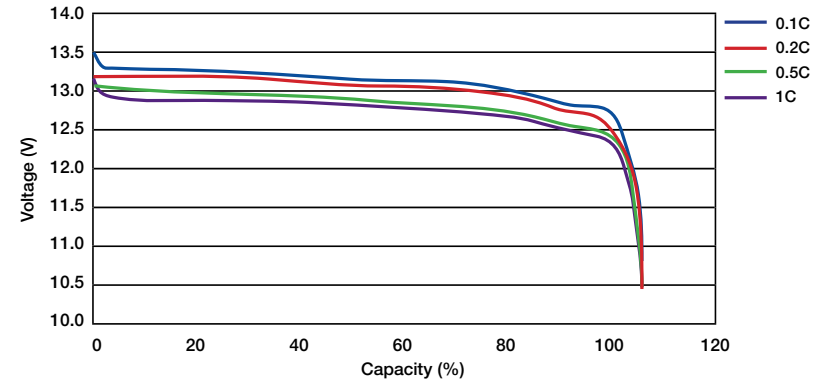
NUMBER OF CYCLES



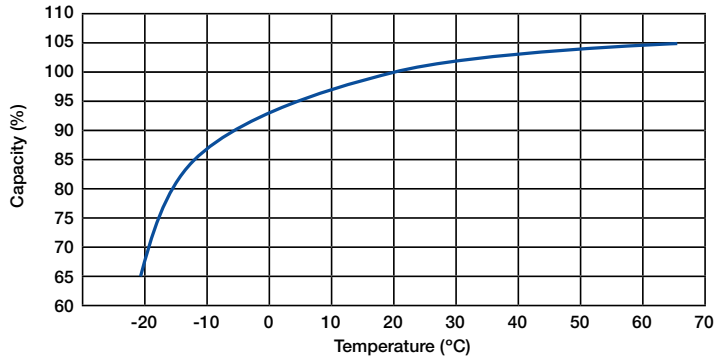
CHARGING CHARACTERISTICS



DISCHARGE CHARACTERISTICS



TEMPERATURE EFFECT ON CAPACITY



For more information visit
centurybatteries.com.au or call 1300 362 287
centurybatteries.co.nz or call 0800 93 93 93

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Batteries that last and last

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