Century

LITHIUM PRO

C12-100XLi+
C12-150XLi+

USER MANUAL

General Information

Century Lithium Pro batteries are designed to provide long lasting power in recreational deep cycle applications.

To ensure proper safe use, optimum performance, durability, and reliability of your Century Lithium Pro battery, please read through this user manual carefully and completely before use.

A technical data sheet for the 100Ah Century Lithium Pro battery, and a material safety data sheet (SDS) are also available as additional information on the Century Batteries website.

Australia: centurybatteries.com.au/lithium

New Zealand: centurybatteries.co.nz/lithium

If you have any questions concerning safety precautions, installing, or using the battery please contact Century Yuasa Batteries. AU 1300 361 161 or NZ 0800 93 93 93

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1. Introduction

1.1 Product Description

Century Lithium Pro batteries are 12.8V lithium-ion batteries incorporating Lithium Iron Phosphate (LFP or LiFePO4) technology and are designed for recreational cyclic applications. They contain 4 cells connected in series or in a parallel where applicable, equipped with an internal battery management system (BMS) to monitor each single prismatic cell for correct operation of the battery, as well as the loads and charge source that are connected to the battery.

Century Lithium Pro batteries are suitable for replacement of deep cycle lead acid batteries, used in RV, camper trailer, caravan, 4WD (AUX/boot), marine, and mobility applications. Century Lithium Pro batteries should not be used in any applications other than those described in this user manual. It is important to read and follow the information provided before installation, operation and maintenance of this battery.

MODEL	VOLTAGE (V)	CAPACITY (Ah)	STANDARD CHARGE CURRENT (A)	MAX CHARGE CURRENT (A)	STANDARD DISCHARGE CURRENT (A)	MAX DISCHARGE CURRENT (A)	DIMENSIONS L*W*H (MM)	TERMINAL	WEIGHT (Kg)
Century Lithium Pro									
117103 C12-100XLi+	12	100	50	100	50	100	307*172*217	M8 (8mm)	12.6
117104 C12-150XLi+	12	150	75	150	75	150	307*172*217	M8 (8mm)	16.5

^Continuous discharge at maximum current at high temperature will result in reduced run time and potentially BMS cut-off for temperature protection.

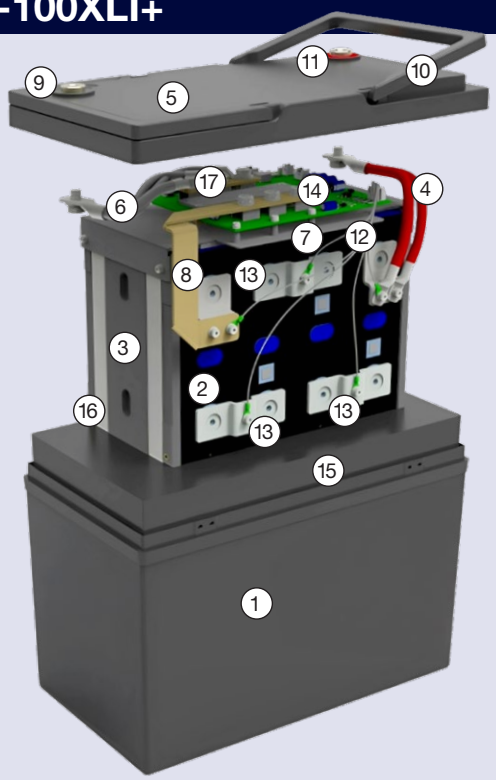
Bluetooth QR Scan & BMS Code

Manufacturing Code

(Example of C12-100XLi+ shown)

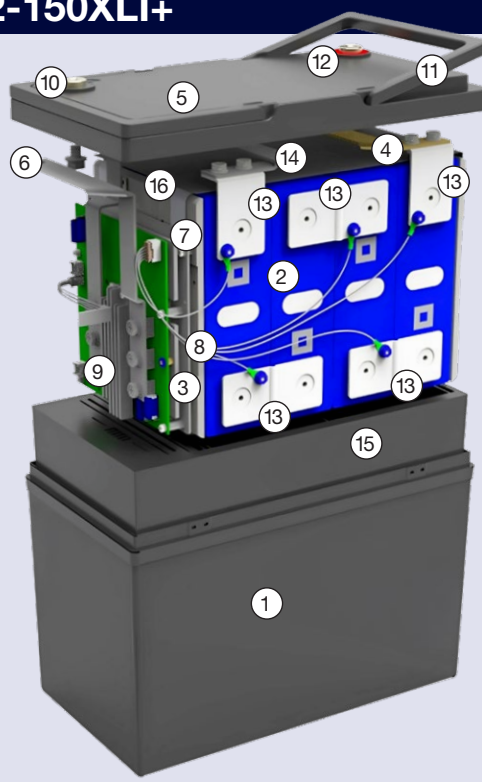
1.2 Components & Construction

C12-100XLI+



1	Battery Shell	**10**	Handle
2	Prismatic cell	**11**	Positive terminal, M8 nut insert
3	Battery module bracket	**12**	Voltage acquisition wires
4	Positive output cable	**13**	Connection Aluminum busbar
5	Top cover	**14**	BMS
6	P-cable	**15**	Glue
7	BMS bracket	**16**	Steel belt
8	B-copper bar	**17**	Connecting copper busbar
9	Negative terminal, M8 nut insert		

C12-150XLI+



1	Battery Shell	**10**	Negative terminal, M8 nut insert
2	Prismatic cell	**11**	Handle
3	Battery module bracket	**12**	Positive terminal, M8 nut insert
4	Positive output copper bar	**13**	Connection Aluminum busbar
5	Top cover	**14**	B- copper bar
6	P-copper bar	**15**	Glue
7	BMS bracket	**16**	Steel belt
8	Voltage acquisition wires		
9	BMS		

1.3 Terminology

BMS	Battery Management System
DOD	Depth of Discharge
OCV	Open Circuit Voltage
SOC	State of Charge (%)
°C	Degree Celsius in temperature
V	Volt
A	Ampere
Ah	Capacity in Ampere-hour
M8	8mm nut insert terminal
LPCM	Low Power Consumption Mode

Series Connection Batteries connected to increase voltage by connecting positive terminal of one battery to negative terminal of the next battery

Parallel Connection Batteries connected to increase overall capacity by connecting positive terminal of one battery to positive terminal of the next battery

2. Safety

Warning! Risk of fire, explosion, or burn.

Failure to install or use according to the instructions in this manual may result in early battery failure or cause risk of electrical or fire damage to the battery and surrounding property and may cause personal injuries.

Century Lithium Pro LFP batteries are designed with an integrated BMS to prevent internal damage to the battery under various conditions. When this occurs in connected equipment, power can be abruptly interrupted to the system which may cause undesirable consequence. The system installer must understand the automatic safety shutdown functions of the BMS and shall assume all responsibility and liability for any damages if these functions are not properly applied.

Do's

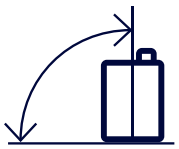
- The battery must be kept in the original packaging until use.
- Wear personal protective equipment (eye protection and gloves) before handling.
- Keep sparks and open flames away from the battery.
- Use insulated tools when working on or with the battery.
- Secure connections with correct torque setting.
- Only connect the charger in line with recommended settings. Always disconnect the charger when working on batteries.
- Charge the battery before installing.
- Remove charger immediately and contact the dealer if any abnormal smell or noise while on charge or when a discharge is detected.
- Century Lithium Pro batteries should be stored at a state of charge of between 40%-60% of its nominal capacity.

Don't s

- Do not drop, impact, or puncture the battery. The battery must be protected from mechanical impacts.
- Do not use for cranking/starting applications.
- Do not install under the bonnet or engine compartment.
- Do not use the battery outside the specified temperature range.
- Do not expose to direct sunlight for extended period. During storage, the battery must be protected from direct sunlight.
- Do not submerse in water or expose to rain for any extended periods. The battery should be stored in a cool and dry environment.
- Do not install near heat source or flammable materials.
- Do not disassemble or modify the outer casing of the battery.
- Do not dispose of in fire, household waste or landfill
- Do not connect Century Lithium Pro batteries from different manufacturers, brands, capacities, sizes, types and generations (Century Lithium Pro Gen1 & Gen2) in series or parallel.
- Over-voltage charging, incorrect wiring, reverse polarity connection or short circuits of the terminals may damage the battery.
- Do not connect Gen1 (C12-100XLi) and Gen2 (C12-100XLi+) Lithium Pro batteries, or different batches as cells are balanced whilst battery is being produced and could effect the life of the battery.

3. Handling and Installation

- Before connecting the battery, check that the battery voltage is ≥13.2V. Recharge as required.
- Ensure that the cable connecting the battery terminals is correctly sized and in length.
- Ensure that the bolts on the terminals are firmly fastened to the recommended torque of 10~12Nm to avoid loosening during operation.
- Ensure the maximum output voltage of any charging device connected to the battery does not exceed 14.6V before connecting. Recommended charging voltage is 14.4V
- Side mounting with terminals on the upper side is acceptable but not recommended. Where feasible, always install upright to optimise the performance under a dynamic condition such as vibration.



- Fully charge each battery before use and if connecting them in series or parallel.
- When connecting in parallel, ensure the capacity and voltage between each battery is consistent. Any variance should be below 100mV.
- To optimise batteries with balanced cells, it is advisable not to mix batteries from a different batch and group for parallel connection. Each battery is labelled with a production batch code and serial number. Some may be followed by a group code. The last 3 numeric numbers are designated as the group code such as 001, 002… For example, LA120221J270443-001: LA120221J27 is the batch code; 0443 is the serial number and 001 is the group code. For batteries in parallel connection, check that the batch code and group code are the same.
- The battery can be connected in series up to 4 batteries, or in parallel up to 4 batteries. For example, four 12V/100Ah batteries connected in series can create a 48V/100Ah battery bank; and two batteries connected in parallel can create a 12V/200Ah battery bank.
- Due to small variations in new LFP battery capacity, LFP batteries may be slightly unbalanced when unpacked for multiple connections in either parallel or series. BMS interruption of charging is likely to occur during the initial charging which is considered normal. If the charger trips out, reset the charger until charging continues normally. For best result, each battery should be charged individually before being connected in series or parallel. Contact Century Yuasa Batteries for any further assistance.

4. Operation Use

Caution: Improper use will cause irreversible damage to the battery and could cause battery swelling and smoke in extreme cases.

4.1 Operating Conditions

Century Lithium Pro batteries will enter Low Power Consumption Mode (LPCM) to reduce self-discharge after 72 hours when the discharge current is below 1A.

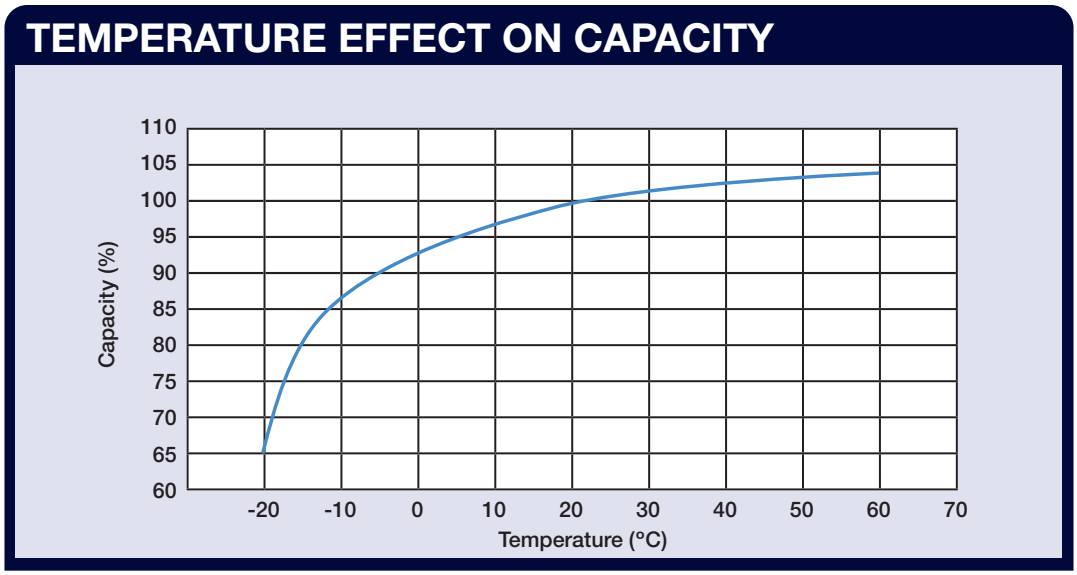
A charge or discharge will activate the battery from this Low Power Consumption Mode (LPCM):

- Charge activation – Connect a charger with 1.2V above the battery voltage
- Discharge activation – Connect a load (<5kΩ)
- Establish a Bluetooth connection with the Century Lithium Pro App

The following operating ambient temperatures and humidity must be followed (refer to the individual product spec sheets in case of exceptions):

- Charging at between 0°C~45°C
- Discharging at between -20°C~55°C
- Ambient humidity: ≤85%

Reduce current when charging battery at temperatures <10°C and >35°C



4.2 Bluetooth Connection

The Century Lithium Pro battery has an integrated wireless Bluetooth monitoring function.

The Century Lithium Pro Bluetooth App is available for iOS and Android portable smart devices and can be downloaded from Apple App Store or Google Play Store

Through the Century Lithium Pro Bluetooth monitoring system, the following information can be read or monitored:

- Battery Capacity
- Battery Voltage
- Individual Cell Voltage
- Battery State of Health
- Battery Cycle
- Battery Event Information
- Battery State of Charge (SOC)
- Battery Current
- Battery Status
- Battery Temperature
- Battery Alarm
- Battery remaining hours

4.2.1 Installation and Pairing App on iOS or Android.

Download the App ‘Century Lithium Pro’.

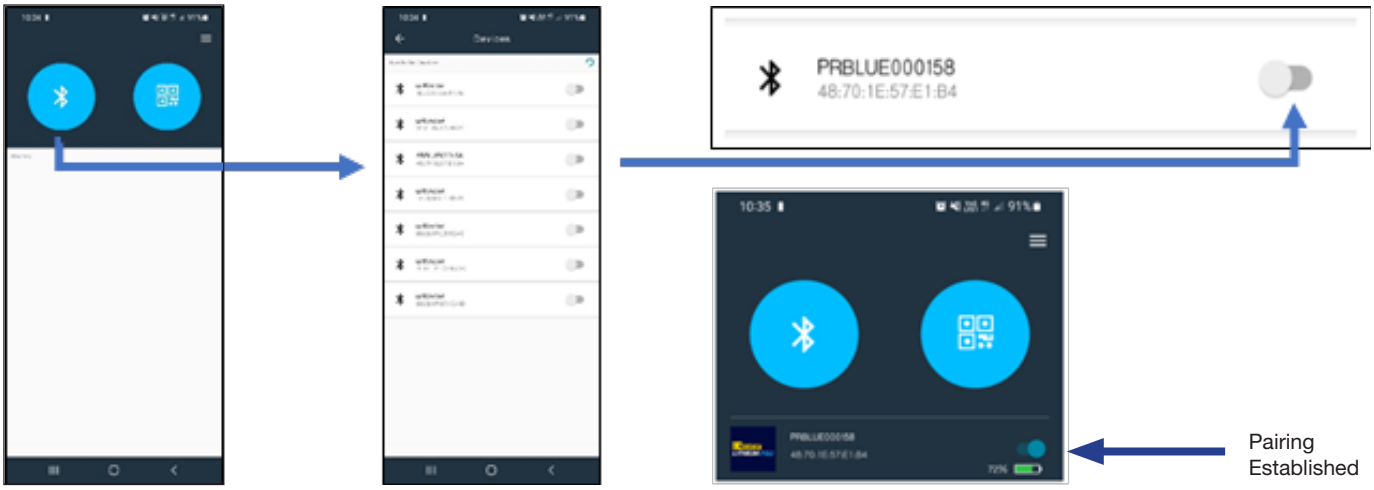
Ensure Bluetooth is enabled on the smart device before pairing.

There are two options for pairing or connecting, by scanning the Bluetooth QR code and by the unique ID both of which are located on the top of each battery.

Bluetooth QR Scan & BMS Code

(Example of C12-100XLi+ shown)

a. Search the battery from the listed battery Bluetooth ID(s) on the smart device, then toggle it ON:



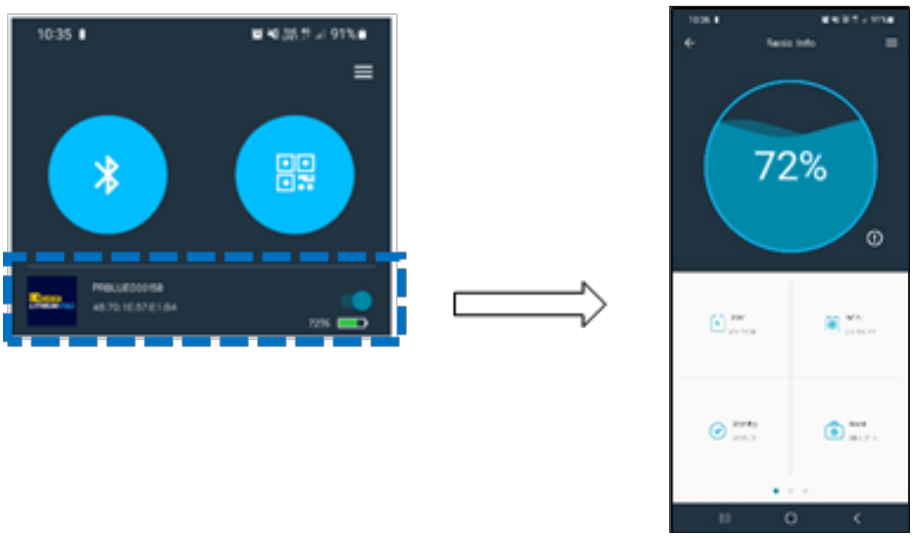
b. Scan the QR code on the battery and the battery Bluetooth ID will appear:

The Bluetooth Monitoring System provides point to point connection. Only one battery can be connected to one device at a time. If more than one battery is configured in series or in parallel, each battery can be checked in turn, one by one, on the same smart device. Simply follow the pairing/connection process for each individual battery.

After being connected, the battery can be renamed from its ID code by the user on the smart device. All connected batteries will appear on the first screen when accessing the App next time.

4.2.2 Using the App.

a. After connecting, touch the paired battery name and it will bring up the **'Basic Info'** screen. This screen shows the SOC in percentage; battery voltage; battery capacity; battery status (standby, charge, or discharge); and battery state of health (good, or service – if below 80% initial capacity)

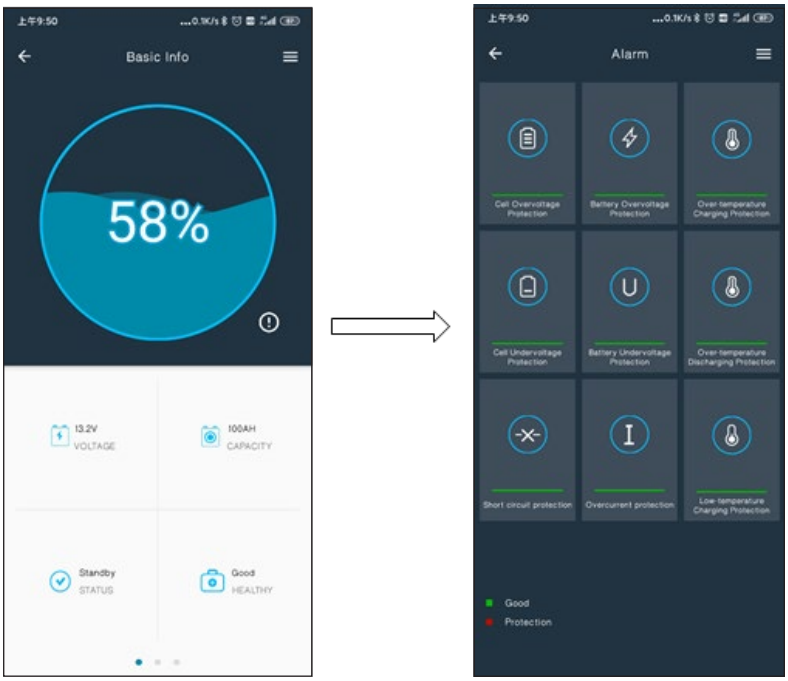


b. Swiping across from the Basic Info screen will show the **'Details Info'** screen.
This screen shows battery voltage, battery current, estimated run time, individual cell voltage, battery temperature and battery cycle count.

Cycle count is accumulative of ONE full discharge

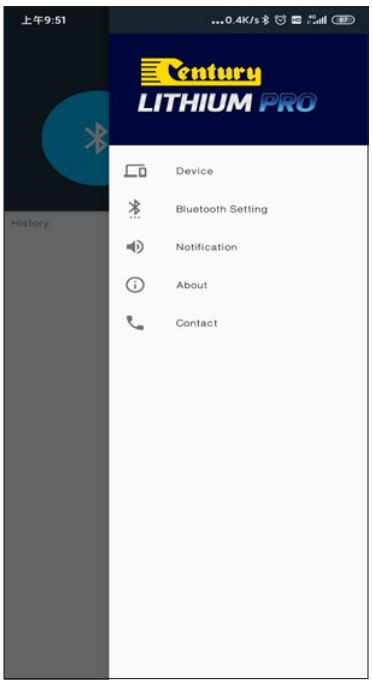
c. Touching “ ” icon on the **‘Basic Info’** screen will bring up the **‘Alarm’** screen.

This screen displays the BMS protection function.



d. Touching the “ ” icon on any of the screen will bring up the ‘Menu’ screen.

Notification preferences can be set up on the smart device. CYB contact details, App information can be located in this area.



Automatic Safety Shutoff and Restart

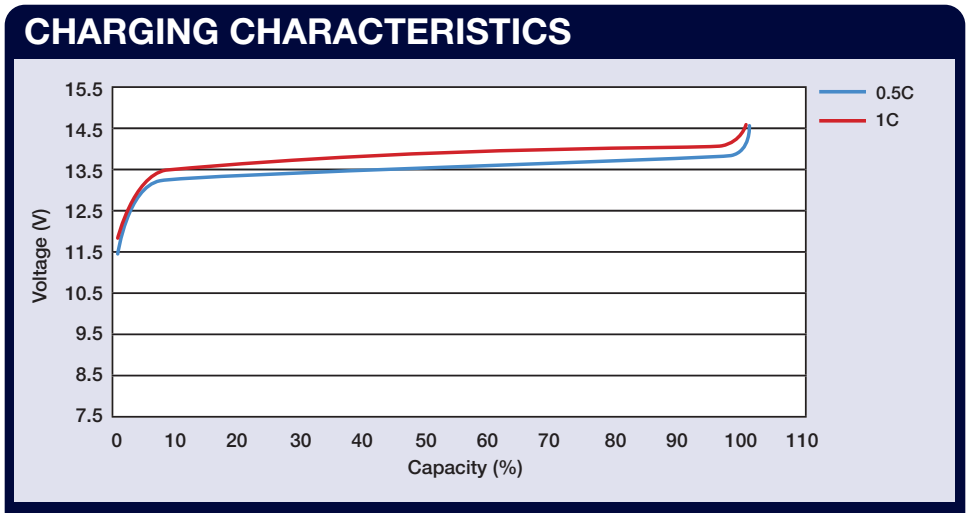
C12-100XLi+

BMS Function	Automatic Shutoff	Recovery & Automatic Restart
Over Charge Voltage	Cell ≥3.8V; 3s max	Cell ≤3.45V
Over Discharge Voltage	Cell ≤2.5V; 3s max	Cell ≥2.7V
Over Charge Current	≥150A for 5s, or ≥200A for 500ms	After 3s, up to 3 consecutive times. Except at ≥200A, no auto recovery. Discharge to recover.
Over Discharge Current	≥350A for 5s, or ≥500A for 640ms	After 3s, up to 3 consecutive times. Except at ≥500A, no immediate auto recovery. Charge to recover, or wait 10 min.
High Temperature on Charge	Above 55°C	Below 45°C
High Temperature on Discharge	Above 60°C	Below 55°C
Low Temperature on Charge	Below 0°C	Above 5°C
Low Temperature on Discharge	Below -20°C	Above -15°C
Short Circuit	≥1000A, 70µs	No immediate automatic recovery. Remove load and wait for 10 min.

C12-150XLi+

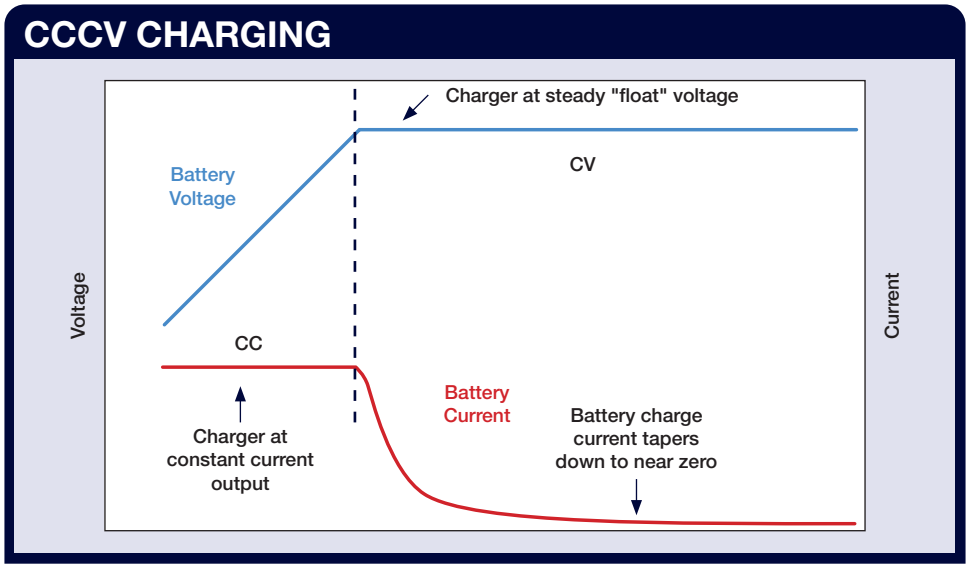
BMS Function	Automatic Shutoff	Recovery & Automatic Restart
Over Charge Voltage	Cell ≥3.8V; 3s max	Cell ≤3.45V
Over Discharge Voltage	Cell ≤2.5V; 3s max	Cell ≥2.7V
Over Charge Current	≥225A for 5s, or ≥300A for 500ms	After 3s, up to 3 consecutive times. Except at ≥300A, no auto recovery. Discharge to recover.
Over Discharge Current	≥525A for 5s, or ≥750A for 640ms	After 3s, up to 3 consecutive times. Except at ≥750A, no immediate auto recovery. Charge to recover, or wait 10 min.
High Temperature on Charge	Above 55°C	Below 45°C
High Temperature on Discharge	Above 60°C	Below 55°C
Low Temperature on Charge	Below 0°C	Above 5°C
Low Temperature on Discharge	Below -20°C	Above -15°C
Short Circuit	≥1300A, 70µs	No immediate automatic recovery. Remove load and wait for 10 min.

4.3 Charging



- The battery must be fully charged before first use.
- Ensure charging voltage does not exceed 14.6V. 14.4V is recommended (refer to product spec sheets in case of exception).
- Ensure the charging current does not exceed the maximum charging current as indicated in the specification sheet. Any inrush current may activate the short circuit protection function and charging may stop.
- Ensure charging is carried out at an ambient temperature within the recommended range of 0°C~45°C (refer to product spec sheets in case of exception).
- Below 0°C or above 45°C may cause irreversible damage (i.e., permanent loss of capacity) to the battery or even a safety risk.
- DO NOT charge the battery for more than 24 hours. Disconnect the LFP battery from the charger when the charger is no longer in use.
- DO NOT leave a lead-acid battery 'smart' charger connected to float charge the LFP battery. This type of charger will NOT maintain a proper voltage algorithm and can cause damage to LFP battery.
- Batteries connected in series do not need to be disassembled for individual recharging. However, each individual battery should be fully charged before being connected in series or parallel. Even after the charger is disconnected, the battery may not be ready until the cells are balanced. After charger has been disconnected allow 30 minutes rest time for the battery cells to balance.
- If charging batteries in series, ensure the charging voltage is less than 14.6V times the series number. For example, to charge 2 LFP batteries in series, the charging voltage should be less than 29.2V and the charging current should be as recommended in the specification sheet.
- DO NOT connect more than 4 LFP batteries in parallel or series. The voltage difference between the 4 LFP batteries must be below 100mV after being fully recharged and before the batteries are connected. The maximum charging current should be the same as single battery connection.
- The low impedance of LFP cells may result in an inrush of current interrupting the charge. If the charger trips out, reset the charger until charging continues normally.

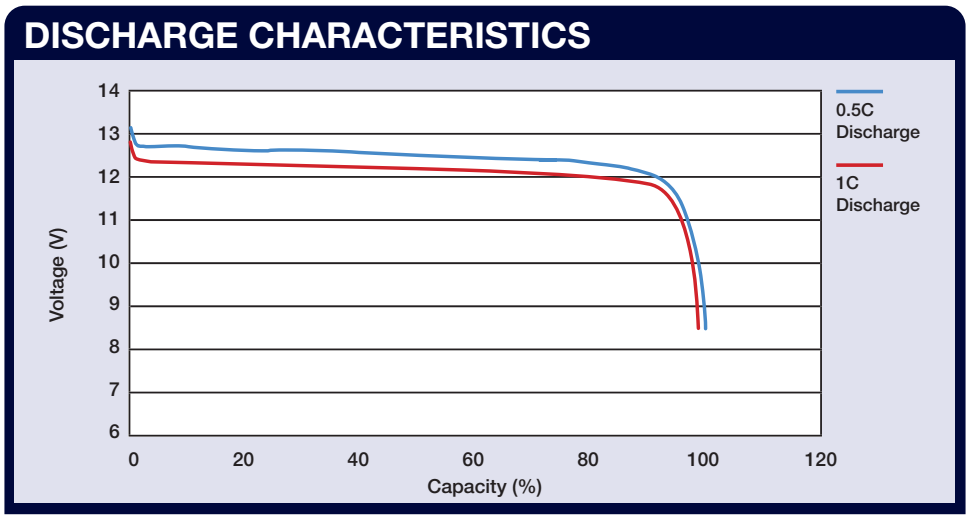
- Constant current constant voltage charging (CCCV) is recommended for LFP batteries. Refer to diagram below for illustration:



4.4. Discharging

- Do not exceed the maximum discharge current as specified in the data sheet.
- Avoid discharging the LFP battery at its maximum current (1C) several times in succession, as this may cause the BMS to cut out.
- For 100Ah LFP battery, the maximum continuous load should not exceed 1000W. A maximum 1000W inverter can be connected to avoid damaging the battery including the BMS and the cells. Likewise, for 150Ah LFP battery, an inverter not exceeding 1500W is recommended.
- 100Ah Battery = 1000W / 2 or more in parallel 2000W max.
- 150Ah Battery = 1500W / 2 or more in parallel 3000W max.

Continuous discharge at maximum current at high temperature will result in reduced run time and potentially BMS cut-off for temperature protection.

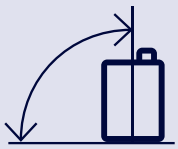


5. Troubleshooting

NO.	SIGN	POSSIBLE CAUSES	CORRECTIVE ACTIONS
1	**Battery working time is too short**	The charging voltage is lower than 14.4V, and the battery charging capacity is less than the rated ampere-hour	Use the standard charge voltage
		The load is too high, and the battery ends discharging prematurely	Reduce load wattage
		The cell over-voltage protection has been triggered continuously	Reduce the charge voltage (e.g 14.2V)
		The ambient temperature is too high or too low, and the battery cannot be fully charged or discharged (capacity drop at low temperature range)	Keep working at normal ambient temperature
		In series string, the SOC of batteries is out of balance	Disconnect the batteries and recharge then individually to similar SOC before reconnection
		The battery life is naturally attenuated, the capacity is reduced, and the working time is short	Replace the battery
2	**BMS keeps cutting off during discharge**	Discharge current is too high, trigger overcurrent protection	Reduce discharge current
		Voltage is too low, trigger low voltage protection	Recharge the battery
		Inrush current has triggered over current protection	Reduce load current
3	**BMS keeps cutting off during charge**	Charge current is too high, trigger overcurrent protection	Reduce charge current
		Voltage is too high, trigger high voltage protection	Reduce charging voltage to recommended
4	**Bluetooth not detected by the app**	Mobile is more than 10m away from the battery	Move closer to the battery
		Mobile device cannot detect the battery	Close the app and reopen it
		Battery is already connected to a different device	Close Bluetooth connection from the other device
		Mobile device location is OFF	Turn ON location features on mobile device
		Not being detected by the app	Ensure you have the latest operating software on your mobile device, refer to manufactures instructions on how to update
5	**Bluetooth app**	Not working when phone has been updated	Reinstall the app, restart the phone and ensure all permission requirements are set to enabled

NO.	SIGN	POSSIBLE CAUSES	CORRECTIVE ACTIONS
6	**Battery gets too hot**	Frequent overload use/high current draw	Use according to battery specifications
		Working with the maximum continuous charge and discharge current for a long time, the heat dissipation environment is poor, resulting in heat accumulation	Ensure a good heat dissipation environment
7	**Battery no voltage reading**	The battery is over-discharged below 10V and is lower than the working voltage of the BMS, the BMS cannot work normally	Recharge the battery in time and confirm that the battery can be switched on normally, if the battery cannot be turned on again, replace battery
		The battery is over-discharged below 10V and is lower than the working voltage of the BMS, the BMS cannot work normally	Replace the battery
		Internal power cord disconnected	Replace the battery
		BMS failed	Replace the battery
8	**Battery external damage - terminal cover, casing**	Improper operation such as drop, impact etc	Replace the battery
9	**Battery exploded**	High voltage due to improper charging causes BMS to fail, and the battery is not protected	Replace the battery
		Instant violent collisions, squeezing, puncture, rupture etc, making the battery unable to release energy	Replace the battery
10	**BMS keeps cutting off when batteries connected in series or parallel**	One battery triggers over voltage, under voltage and over current protection	Check the load and charger situation, ensure the system works within the specification and also refer to all of the above relevant information
11	**Low Power Consumption Mode (LPCM)**	How do I activate the battery when its in LPCM	Apply a charge or discharge current greater than 1A to the battery. Turn on any appliance that is connected to this battery that will draw greater than 1A.
12	**Unstable terminal voltage**	Terminal connection is loose	Check connections and re-tighten terminals accordingly (10-12nm Newton Metres)
13	**Abnormal battery temperature**	Internal sensor fault	Replace battery if app is displaying strange values (-40°C, -128°C) etc

6. FAQ

NO.	SUBJECT	QUESTION	ANSWER
1	**What is BMS?**	What does it do and where is it located?	BMS stands for Battery Management System, it is located inside the battery and is responsible for managing the cells and protecting them from a range of scenarios (overcharging, over discharge, temperature protection) and will shut the battery off to protect the cells where operating specifications have been exceeded
2	**Battery mounting**	Can you mount the battery in any position?	The battery cannot be installed on its end as this position but pendulum effect where the cells will bounce around. Its recommended that the battery be installed in an upright position, but can be mounted on its side with the terminals at the top (but not in high vibration situations) 
3	**Lithium vs AGM**	Will a 12V lithium battery give a longer run time than a 12V lead acid battery?	Yes, the lithium battery will last a lot longer, the lithium battery can be cycled to 80% DOD where the AGM will go to 50% DOD giving a longer runtime. The lithium battery keeps available voltage in the operating window longer over what a lead acid battery can do.
4	**Solar charge Controller**	What type of solar charge controller do I need to charge my battery with my solar panels?	The charge controller will need to be able to support lithium-ion phosphate and comply with manufactures recommendations to allow the battery to be safely charged.
5	**Operating temperatures**	What operating temperatures should the battery be charged and discharged in?	The battery should be charged in temperature between 0°C - 45°C & discharging between -20°C to +55°C. Ensure the battery has suitable ventilation.
6	**Storage**	How do I prepare my lithium battery for off-season storage?	Store in a clean, cool and dry environment and checked periodically (4-6 months). Do not store the battery with a state of charge below 30% (ideally store between 40% - 60% SOC), which you can find out through the Bluetooth app, the BMS will ensure that the self discharge is minimised by placing it into Low Power Consumption Mode (LPCM)
7	**Battery life**	What is the expected life of a Century Lithium Pro Battery?	Century Lithium Pro batteries have a 3000+ cycles at 80% Depth Of Discharge (DOD), subject to users' usage
8	**Battery terminals**	What size terminals and bolts come with the battery?	The battery is supplied with a M8 insert, with an 8mm stainless bolt, recommended torque settings 10-12nm (Newton Metres)
9	**Torque settings**	What torque settings should be used?	Recommeded torque setting are 10-12nm (Newton Metres)
10	**IP rating**	What is IP rating?	IP Rating stands for Ingress Protection, this is a standard used to classify degree of protection for the electrical internal components. Century Lithium Pro batteries have a IP65 rating, which means protection from dust and low pressure jets.

7. Care & Maintenance

7.1 Maintenance Inspection

- Examine the external condition of the battery. The top of battery and terminal connections should be clean, dry, and free of corrosion.
- Check battery cables and connections are firmly secure.
- Check the battery state of charge (SOC) regularly. When not in use the Century Lithium Pro battery will partially self-discharge.
- Depending on the charging profile used, overtime the series and parallel configured batteries may not be equally charged. To fully balance batteries in either of these configurations, maintenance charge each battery individually at periodic intervals.

7.2 Cleaning

- Before cleaning, disconnect the battery from the charging source and the load.
- The surface of LFP battery can be cleaned with a soft, dry cloth made of non-electroconductive material.
- Keep the area around batteries clean, dry, and away from any flammable materials.

8. Storage

- Disconnect the battery from all electrical loads and from the charger to eliminate potential parasitic loads that may discharge the battery.
- Cover the LFP battery terminals with suitable non-electroconductive material (e.g. insulating tape or plastic caps).
- Observe the minimum and maximum storage temperatures.
- Store in a cool, dry place. There is no specific ventilation requirements for Century Lithium Pro batteries, however sufficient airflow should be ensured to prevent excessive heat build-up.
- Keep area free from flammable materials.
- Keep out of reach of children and animals.
- Do not store in direct sunlight.
- The battery should be stored at a state of charge of between 40% ~60% of its nominal capacity. Storing a deep discharged battery can result in permanent damage and reduced run time.
- Allowing the battery to self-discharge to a severely low state of charge may result in the battery not being able to be recovered.
- Check battery every 6 months, or more frequently in ambient temperatures exceeding 35°C, to determine if charging is required, via the bluetooth app.

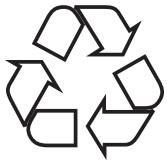
9. Transportation

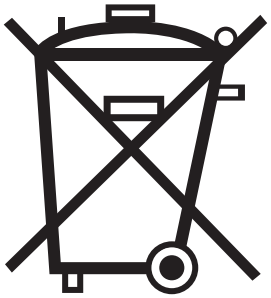
- Century Lithium Pro batteries are packed by the manufacturer to comply with all applicable national transportation regulations.
- If the battery is not installed, it must be transported in the original packaging or equivalent material.
- It is recommended that the battery should be below 60% SOC during transportation.
- Follow all applicable national transport regulations before transporting the Century Lithium Pro batteries.
- Transporting a used, damaged or defective LFP battery may be subject to restrictions. Use a qualified shipping agent properly certified for hazardous material shipment.
- The transport of a LFP battery is subject to the hazard classification UN3480, Class 9.

The following identification label must be attached to the package:

10. Disposal & Recycling

- Lithium batteries must not be disposed of with household or landfill waste and in line with relevant national and or local government regulations.
- Lithium batteries can be recycled but should not be mixed with lead acid batteries. It is important to prevent lithium-ion batteries being mixed with lead acid and or other battery types at any stage of the recycling process.
- It is advisable to fully discharge used lithium-ion batteries prior to recycling.
- Tape or insulate the terminals of the battery with non-conductive material to prevent short circuits.
- In the case of a damaged battery, it must also be packaged according with the local transportation and environmental protection regulations.
- Century Lithium Pro LFP battery can be returned to CYB or a qualified disposal facility for recycling.





11. Warranty

The warranty registration form can be accessed by scanning the QR code on the product, product carton, warranty card or by the link centurybatteries.com.au/lithium

Century LITHIUM PRO
ADVANCED LiFePO4 TECHNOLOGY

WARRANTY REGISTRATION

Thank you for choosing your Century Lithium Pro Deep Cycle battery and the peace of mind that comes with Australia's & New Zealand's oldest and most recognised battery manufacturer & supplier. Century Lithium Pro batteries are designed to provide long lasting power in a range of recreational Deep Cycle applications.

To assist us with handling any enquiries you may have regarding your battery, please register your purchase through the Century Batteries website at the address detailed below or simply by scanning the QR code.

SCAN FOR
- WARRANTY REGISTRATION
- BLUETOOTH APP
- CARE & MAINTENANCE
- CHARGING INFORMATION

Australia:
www.centurybatteries.com.au/lithium

New Zealand:
www.centurybatteries.co.nz/lithium

On our website you will also find useful tips and advice to help maximise the life of your battery and also access information regarding operation, charging, storing, care & maintenance and recycling.

WARRANTY INFORMATION

This battery is warranted against defects for 5 years from date of purchase for recreational cyclic use. Warranty is void for starting/cranking applications, if fitted under the bonnet or in industrial applications, mains grid connect solar or float charge applications or in environments outside of the operating temperature range. Assessment of the battery is based upon the Century Yuasa warranty test procedure. If our testing determines this battery is defective we will replace it however the costs of delivering it to a warranty location and collecting it and any replacement are yours. Claim must be made within warranty period detailed on the product. Dated proof of purchase is required. Warranty period for replacement starts on date of purchase of defective battery it replaces. Call 1300 361 161 in Australia or 0800 93 93 93 in New Zealand to make a claim. Warranty does not cover defects due to normal wear, abuse, damage, neglect, over or under charging, incorrect charging, charging with a non lithium-ion compatible charger or incorrect application, installation or maintenance. The benefits of this warranty are in addition to other rights and remedies available at law. Our goods come with guarantees that cannot be excluded under Australian or New Zealand Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. RECYCLE RESPONSIBLY, do not dispose of with household waste.

Staple a copy of your receipt to this card, record the following details and retain for future reference.

Battery Type: .....

Date of Purchase: .....

Store Name: .....

Store Address: .....

Store Number: .....

Distributed in Australia by: Century Yuasa Batteries Pty Ltd, 49 Cobalt Street, Carole Park, QLD 4300 | 1300 361 161 | cyb.com.au | ABN 66 009 685 232

Distributed in New Zealand by: Century Yuasa Batteries (NZ) Ltd, 259 Church Street, Onehunga, Auckland 1061 | 0800 93 93 93 | cyb.co.nz | NZBN 94 290 3937 7319

Warranty information

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RECYCLE RESPONSIBLY, do not dispose of with household waste.

Further Information

If you have any questions concerning safety precautions, installing, or using a Century Lithium Pro battery please contact Century Yuasa Batteries.

Century Yuasa Batteries Pty Ltd
49 Cobalt Street, Carole Park QLD 4300
Ph: 1300 361 161 | cyb.com.au | ABN 66 009 685 232

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Century
Batteries that last and last

CB113-3712