

# Heavy-Duty Output Connectors

Each charger is supplied with heavy-duty, corrosion resistant crocodile clips and ring terminals. The ring terminals are perfect for permanent connection to difficult-to-reach batteries.



# Built in Safety Features



**Reverse polarity protection**  
If output leads are connected in reverse polarity, the fault LED will activate and the charger will be disabled.



**Safety timers**  
Chargers feature safety timers at every stage, to detect faults in the battery and prevent overcharging.



**Internal overheating & short circuit protection**  
Built-in overheating and short circuit protection to protect the internals of the device.

# Key Features



**Universal battery chargers**  
Suitable for charging and maintaining batteries including:

- ✓ Sealed Maintenance Free (SMF) flooded calcium batteries
- ✓ Absorbed Glass Mat (AGM), maintainable Flooded & Enhanced Flooded Batteries (EFB)
- ✓ Gel electrolyte type batteries
- ✓ Lithium LiFePO4 (LFP) batteries



**Smart 9-stage charging process<sup>2</sup>**  
Each stage has been designed to maximise charging performance and help extend battery life.



**LFP Wake Up - Power Supply<sup>®</sup>**  
Wakes the Lithium BMS and the battery will start accepting charge.



**24/7 battery charging<sup>^</sup>**  
Can be left on 24/7 to ensure your battery remains fully charged.



**Selectable voltage output (CC6121.2)**  
Enables selection between two output settings: 6 Volt and 12 Volt.



**Adjustable charge output current<sup>~</sup>**  
Allows the user to select between three charging modes: rapid, silent or maintenance mode.



**Patented rejuvenation technology**  
Uses high voltage equalising and peak pulse reconditioning to repair heavily discharged batteries.



**2 Volt activation<sup>#</sup>**  
The charger will activate on batteries discharged as low as 2 Volts.



**ECO power mode**  
Ultra low power consumption and energy saving mode.

<sup>~</sup>Excluding CC6121.2 charger. <sup>2</sup>8-stage charging process on the CC6121.2 charger. 7-stage on the Lithium batteries. <sup>®</sup>Disconnect after 24 hour use during Lithium (LFP) Mode. <sup>^</sup>It is recommended to ensure the battery is fully charged before leaving the charger and battery unattended for extended periods of time. <sup>#</sup>3V/8V activation on the CC6121.2, when 6V/12V setting is selected.

# Charging your battery has never been easier

Century's range of battery chargers and maintainers incorporate a patented rejuvenation technology and will activate from as low as 2 Volts#. This gives you the ability to repair and recharge heavily discharged batteries.

## Features include:



**UNIVERSAL BATTERY CHARGER**



**SELECTABLE VOLTAGE OUTPUT<sup>\*\*</sup>**



**ADJUSTABLE CHARGE OUTPUT CURRENT<sup>~</sup>**



**SAFETY TIMERS**



**9-STAGE CHARGING PROCESS<sup>2</sup>**



**PATENTED REJUVENATION TECHNOLOGY**



**5-YEAR WARRANTY<sup>\*</sup>**



**24/7 BATTERY CHARGING<sup>^</sup>**

<sup>\*</sup>3V/8V activation on the CC6121.2, when 6V/12V setting is selected. <sup>\*\*</sup>Excluding CC6121.2 charger. <sup>~</sup>CC6121.2 charger only. <sup>2</sup>8-stage charging process on the CC6121.2 charger. 7-stage on the Lithium batteries. <sup>^</sup>Conditions apply. Refer to the warranty section of the owner's manual. <sup>#</sup>It is recommended to ensure the battery is fully charged before leaving the charger and battery unattended for extended periods of time.

For more information contact:



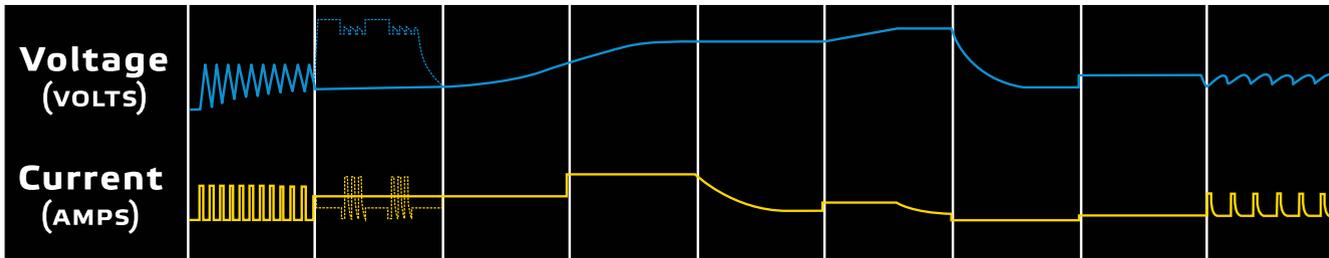
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# BATTERY CHARGERS & MAINTAINERS

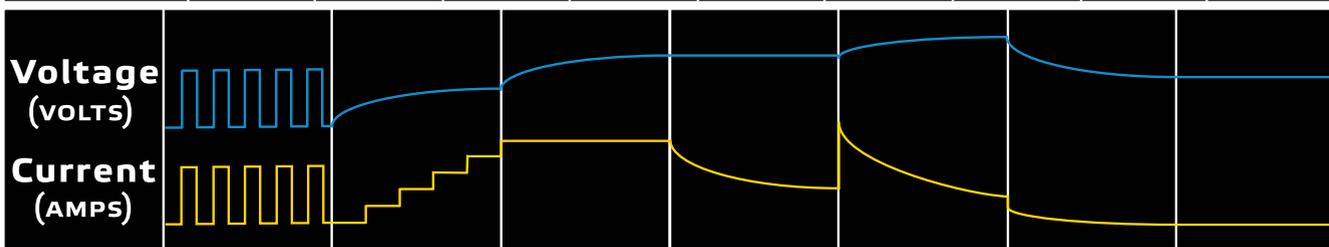


CB103-3476



## SMART 9-STAGE LEAD ACID BATTERY CHARGING PROCESS

QUALIFICATION	REJUVENATION	SOFT START	BULK CHARGE	ABSORPTION	EQUALISATION	ANALYSIS	FLOAT	MAINTENANCE
Checks battery condition to determine whether the rejuvenation stage or charge cycle is required.	Automatic stage for batteries in poor condition. Breaks down sulphation using a patented high frequency pulse.	Increases your battery life by gently starting to charge the battery until it reaches a set voltage.	Reduces charging time by delivering maximum charge until the battery reaches a set voltage.	Uses constant voltage and ensures the battery receives a full charge without overcharging.	Restores full capacity to batteries by removing acid stratification.	Checks the battery condition to ensure it is fully charged.	Maintains the battery at 100% charge.	Special pulse charge for long-term maintenance to ensure the battery is in optimal condition.



## LITHIUM BATTERY CHARGING PROCESS

ACTIVATION	SOFT START	BULK CHARGE	ABSORPTION 1	ABSORPTION 2	FULL	ANALYSIS
Wakes up the lithium battery BMS to detect battery voltage to enable the charger to start charging.	Increases your battery life by gently starting to charge the battery until it reaches a set voltage.	Reduces charging time by delivering maximum charge until the battery reaches a set voltage.	Uses constant voltage and ensures the battery receives a full charge without overcharging.	Steps up the constant voltage and ensures the battery receives a full charge without overcharging.	Battery is 100% charged and the charger output will switch off.	The charger will monitor the battery voltage and will restart when required.



## Get more out of your battery

Charging and maintaining your battery has never been easier with Century's range of battery chargers and maintainers. Backed with a 5 year warranty\*, these smart battery chargers are suitable for charging and maintaining batteries including:



## Choosing the right charger

Use the following guide to help choose the right charger for your needs.

	CC1225-XLi	CC1212-XLi	CC1206-XLi	CC6121.2
Lead Acid Batteries including Calcium SMF, AGM, Flooded, EFB & Gel	✓	✓	✓	✓
Lithium (LFP) Battery	✓	✓	✓	
Charging	6-500Ah <sup>‡</sup>	3-240Ah <sup>‡</sup>	3-120Ah <sup>‡</sup>	4-24Ah <sup>‡</sup>
Maintaining	6-750Ah	3-360Ah	3-180Ah	4-100Ah
Input Voltage	220-240 V AC	220-240 V AC	100-240 V AC	100-240 V AC
Output Voltage	12V	12V	12V	6V & 12V
Output Current	2A/15A/25A	1A/8A/12A	1A/3A/6A	1.2A

## Applications

Application	CC1225-XLi	CC1212-XLi	CC1206-XLi	CC6121.2
Motorcycle & Powersport	✓	✓	✓	✓
PWC	✓	✓	✓	✓
Lawn & Garden	✓	✓	✓	✓
Recreational	✓	✓	✓	✓
Car & Passenger	✓	✓	✓	
4X4 & SUV	✓	✓	✓	
Marine	✓	✓	✓	
Truck	✓	✓		
RV, Caravan & Camper Trailer	✓	✓		

## CC1225-XLi

**LITHIUM (LFP) COMPATIBLE**

12 Volt - 25 Amp  
9-stage<sup>2</sup> Battery Charger & Maintainer



- ✓ Suitable for lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel) and Lithium (LFP) batteries
- ✓ Charges batteries rated up to 500Ah<sup>‡</sup>
- ✓ Maintains batteries rated up to 750Ah
- ✓ Recondition mode to repair heavily discharged batteries
- ✓ Activates on batteries discharged as low as 2V
- ✓ Selectable 2A, 15A & 25A output current
- ✓ LFP Wake Up - Power Supply

6Ah Ideal for Charging and Maintaining | 500Ah Ideal for Maintaining | 750Ah

CC1225-XLi TECHNICAL DATA	
Input Voltage	220-240V AC
Output Voltage	12V
Output Current	2A / 15A / 25A
Type of Charger	9-stage <sup>2</sup> , fully automatic smart charging process
Type of Battery	Lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel) and Lithium (LFP) batteries
Charging Capacity	6-500Ah <sup>‡</sup>
Maintaining Capacity	6-750Ah

Available from August 2024

## CC1212-XLi

**LITHIUM (LFP) COMPATIBLE**

12 Volt - 12 Amp  
9-stage Battery Charger & Maintainer



- ✓ Suitable for lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel) and Lithium (LFP) batteries
- ✓ Charges batteries rated up to 240Ah<sup>‡</sup>
- ✓ Maintains batteries rated up to 360Ah
- ✓ Recondition mode to repair heavily discharged batteries
- ✓ Activates on batteries discharged as low as 2V
- ✓ Selectable 1A, 8A & 12A output current
- ✓ LFP Wake Up - Power Supply

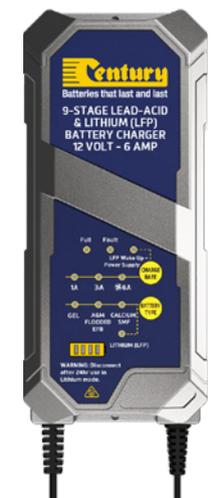
3Ah Ideal for Charging and Maintaining | 240Ah Ideal for Maintaining | 360Ah

CC1212-XLi TECHNICAL DATA	
Input Voltage	220-240V AC
Output Voltage	12V
Output Current	1A / 8A / 12A
Type of Charger	9-stage <sup>2</sup> , fully automatic smart charging process
Type of Battery	Lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel) and Lithium (LFP) batteries
Charging Capacity	3-240Ah <sup>‡</sup>
Maintaining Capacity	3-360Ah

## CC1206-XLi

**LITHIUM (LFP) COMPATIBLE**

12 Volt - 6 Amp  
9-stage Battery Charger & Maintainer



- ✓ Suitable for lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel) and Lithium (LFP) batteries
- ✓ Charges batteries rated up to 120Ah<sup>‡</sup>
- ✓ Maintains batteries rated up to 180Ah
- ✓ Recondition mode to repair heavily discharged batteries
- ✓ Activates on batteries discharged as low as 2V
- ✓ Selectable 1A, 3A & 6A output current
- ✓ LFP Wake Up - Power Supply

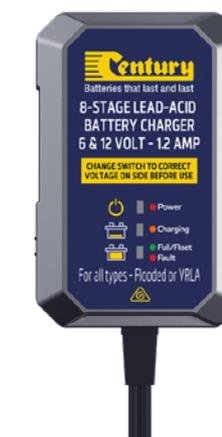
3Ah Ideal for Charging and Maintaining | 120Ah Ideal for Maintaining | 180Ah

CC1206-XLi TECHNICAL DATA	
Input Voltage	100-240V AC
Output Voltage	12V
Output Current	1A / 3A / 6A
Type of Charger	9-stage <sup>2</sup> , fully automatic smart charging process
Type of Battery	Lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel) and Lithium (LFP) batteries
Charging Capacity	3-120Ah <sup>‡</sup>
Maintaining Capacity	3-180Ah

Available from May 2024

## CC6121.2

Selectable 6 & 12 Volt - 1.2 Amp  
8-stage Battery Charger & Maintainer



- ✓ Suitable for lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel)
- ✓ Charges batteries rated up to 24Ah<sup>‡</sup>
- ✓ Maintains batteries rated up to 100Ah
- ✓ Recondition mode to repair heavily discharged batteries
- ✓ Activates on batteries discharged as low as 3V<sup>#</sup>

4Ah Ideal for Charging and Maintaining | 24Ah Ideal for Maintaining | 100Ah

CC6121.2 TECHNICAL DATA	
Input Voltage	100-240V AC
Output Voltage	6V & 12V
Output Current	1.2A
Type of Charger	8-stage, fully automatic smart charging process
Type of Battery	Lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel)
Charging Capacity	4-24Ah <sup>‡</sup>
Maintaining Capacity	4-100Ah

\*Conditions apply. Refer to the warranty section of the owner's manual. <sup>‡</sup>Based on 5 to 30% of battery Ah ratings. For optimum charging, 10% of battery Ah rating is recommended for flooded batteries and 20% of battery Ah rating is recommended for AGM & Gel batteries. <sup>#</sup>8 Volt activation on the CC6121.2, when 12 Volt setting is selected. <sup>2</sup>7-stage when charging Lithium batteries.