

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) batteries¹



Smart 9-stage charging process²

Each stage has been designed to maximise charging performance and help extend battery life.



LFP Wake Up - Power Supply^{1,3}

Wakes the Lithium BMS and the battery will start accepting charge.



24/7 battery charging³

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 current¹

Allows the user to select between three charging modes: rapid, silent or maintenance mode.



Temperature compensation⁵ (CC1225-XLi)

Monitors the temperature and adjusts the charge output according to the ambient temperature to ensure maximum battery life.



Patented rejuvenation technology⁵

Uses high voltage equalising and peak pulse reconditioning to repair heavily discharged batteries.



2 Volt activation⁴

The charger will activate on batteries discharged as low as 2 Volts.

¹Excluding CC6121.2 charger. ²8-stage charging process on the CC6121.2 charger; 7-stage when charging Lithium batteries. ³Disconnect after 24-hour use during Lithium (LFP) Mode. It is recommended to ensure the battery is fully charged before leaving the charger and battery unattended for extended periods of time. ⁴3V/8V activation on the CC6121.2, when 6V/12V setting is selected. ⁵Only for lead-acid batteries.

Charging your battery has never been easier

Century's range of battery chargers and maintainers incorporate a patented rejuvenation technology⁵ and will activate from as low as 2 Volts⁴. This gives you the ability to repair and recharge heavily discharged batteries.

Features include:



UNIVERSAL BATTERY CHARGER



ECO POWER MODE



ADJUSTABLE CHARGE OUTPUT CURRENT¹



SAFETY TIMERS



9-STAGE CHARGING PROCESS²



PATENTED REJUVENATION TECHNOLOGY⁵



5-YEAR WARRANTY⁶



24/7 BATTERY CHARGING³

¹Excluding CC6121.2 charger. ²8-stage on the CC6121.2 charger; 7-stage when charging lithium batteries. ³Disconnect after 24-hour use during Lithium (LFP) Mode. It is recommended to ensure the battery is fully charged before leaving the charger and battery unattended for extended periods of time. ⁴3V/8V activation on the CC6121.2, when 6V/12V setting is selected. ⁵Only for lead-acid batteries. ⁶Conditions apply. Refer to the warranty section of the product manual for full warranty conditions.

For more information contact:



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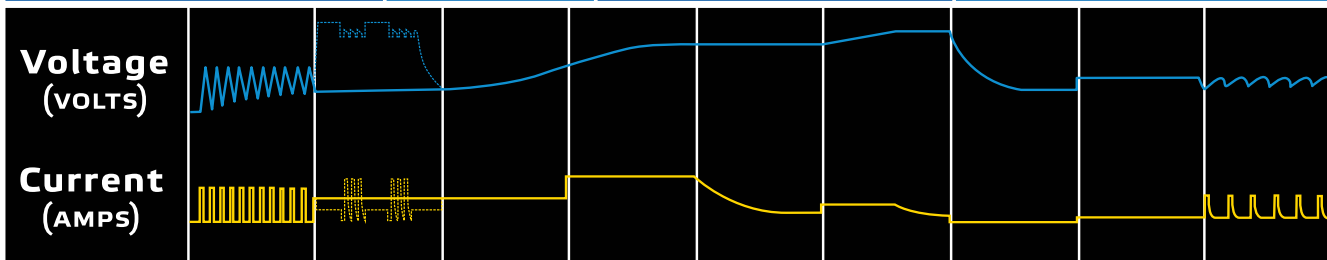
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BATTERY CHARGERS & MAINTAINERS

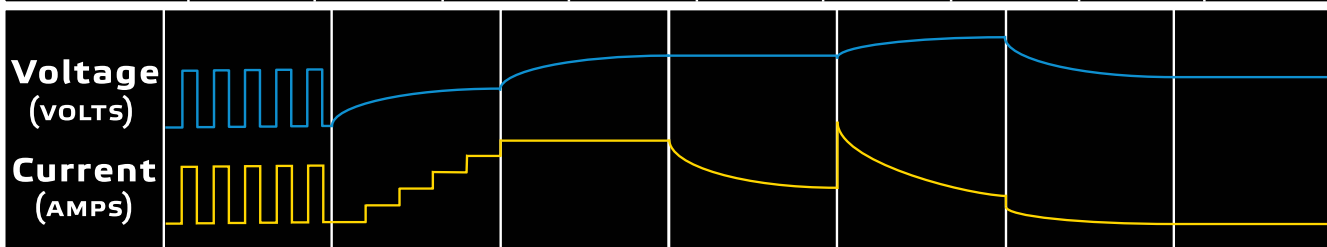


CB103-3476a



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 warranty³, 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 ¹ | 3-240Ah ¹ | 3-120Ah ¹ | 4-24Ah ¹ |
| 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-stage² Battery Charger & Maintainer



- ✓ Suitable for lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel) and Lithium (LFP) batteries
- ✓ Charges batteries rated up to 500Ah¹
- ✓ Maintains batteries rated up to 750Ah
- ✓ Recondition mode to repair heavily discharged batteries⁵
- ✓ Activates on batteries discharged as low as 2V
- ✓ Selectable 2A, 15A & 25A output current
- ✓ LFP Wake Up - Power Supply
- ✓ Temperature Compensation⁵



CC1225-XLi TECHNICAL DATA

| | |
|----------------------|---|
| Input Voltage | 220-240V AC |
| Output Voltage | 12V |
| Output Current | 2A / 15A / 25A |
| Type of Charger | 9-stage ² , 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 ¹ |
| Maintaining Capacity | 6-750Ah |

CC1212-XLi

LITHIUM (LFP) COMPATIBLE

12 Volt - 12 Amp
9-stage² Battery Charger & Maintainer



- ✓ Suitable for lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel) and Lithium (LFP) batteries
- ✓ Charges batteries rated up to 240Ah¹
- ✓ Maintains batteries rated up to 360Ah
- ✓ Recondition mode to repair heavily discharged batteries⁵
- ✓ Activates on batteries discharged as low as 2V
- ✓ Selectable 1A, 8A & 12A output current
- ✓ LFP Wake Up - Power Supply



CC1212-XLi TECHNICAL DATA

| | |
|----------------------|---|
| Input Voltage | 220-240V AC |
| Output Voltage | 12V |
| Output Current | 1A / 8A / 12A |
| Type of Charger | 9-stage ² , 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 ¹ |
| Maintaining Capacity | 3-360Ah |

CC1206-XLi

LITHIUM (LFP) COMPATIBLE

12 Volt - 6 Amp
9-stage² Battery Charger & Maintainer



- ✓ Suitable for lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel) and Lithium (LFP) batteries
- ✓ Charges batteries rated up to 120Ah¹
- ✓ Maintains batteries rated up to 180Ah
- ✓ Recondition mode to repair heavily discharged batteries⁵
- ✓ Activates on batteries discharged as low as 2V
- ✓ Selectable 1A, 3A & 6A output current
- ✓ LFP Wake Up - Power Supply



CC1206-XLi TECHNICAL DATA

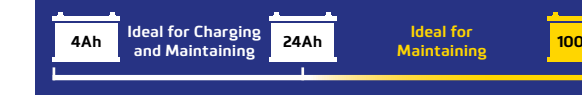
| | |
|----------------------|---|
| Input Voltage | 100-240V AC |
| Output Voltage | 12V |
| Output Current | 1A / 3A / 6A |
| Type of Charger | 9-stage ² , fully automatic smart charging process |
| Type of Battery | Lead-acid batteries (Calcium SMF, AGM, Flooded, EFB, Gel) and Lithium (LFP) batteries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

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 24Ah¹
- ✓ Maintains batteries rated up to 100Ah
- ✓ Recondition mode to repair heavily discharged batteries⁵
- ✓ Activates on batteries discharged as low as 3V⁴



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 ¹ |
| Maintaining Capacity | 4-100Ah |

¹Based 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. ²7-stage when charging Lithium batteries.

³Conditions apply. Refer to the warranty section of the product manual for full warranty conditions. ⁴3V/8V activation when 6/12V setting is selected. ⁵Only for lead-acid batteries.