

User Manual

Mode 2 IC-CPD



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Product Overview



Components

- ① Power point plug
- ② Charge Connector
- ③ Indicator light
- ④ In-Cable Control and Protection Device

IC-CPD

Usage Steps

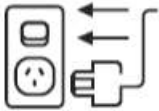
START

CHARGING



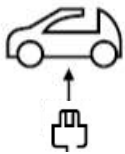
1

Switch off the power point.



2

Plug the charger into power point.



3

Plug the charger into vehicle charging Port.



4

Switch on power point.



5

The EV will start charging automatically when no faults are detected.

STOP

CHARGING



1

The EV will stop charging automatically when charging is complete.



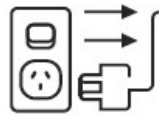
2

Switch power point off.



3

Unplug the charger from the vehicle charging port.



4

Unplug the charger from your power point. Store the device in a shaded, dry location after use.

IMPORTANT INFORMATION:

- If a fault is detected, discontinue use immediately and refer to the 'IC-CPD Indicators Status Description' section to troubleshoot the cause based on the status indicator signals.
- If the issue persists, seek advice of a licensed electrician.

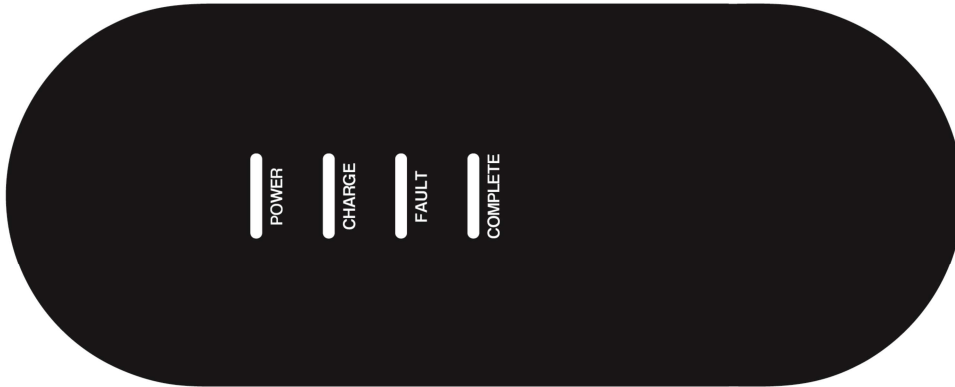
Warning & Safety Instructions

Please read the following precautions carefully before use:

- **Temperature:** Operate and storage within -30°C to $+50^{\circ}\text{C}$. Use beyond this range may cause material degradation or electrical failure.
- **Humidity:** Avoid environments with $>95\%$ relative humidity or condensation. Prolonged exposure to high humidity may cause internal circuit corrosion. Immersion in water may damage insulation and cause short circuits.
- **Avoid mechanical impacts:** Dropping or violent vibration may deform connectors or affect communication modules.
- **Never use damaged equipment:** Cracks or exposed wires increase electric shock risks.
- **Do not try to repair, disassemble, or adjust the portable charger. Safety hazards:** Overheating, insulation breakdown, or communication failures may occur.
- **Do not use sockets with a rated load capacity lower than rated capacity of the product.**
- **The IC-CPD must be plugged in directly into the fixed socket-outlet without the use of an adaptor or extension cord.**
- **To prolong the product lifespan and ensure safety, do not immerse the device in water or use it when damp.**
- **Prior to use, a certified electrician must inspect the socket for integrity. Replace immediately if signs of deterioration or damage are detected. And periodically inspect the socket.**
- **The device shall not be used if it fails to operate correctly in accordance with the instructions and to seek advice from the manufacturer, responsible vendor or an electrician.**

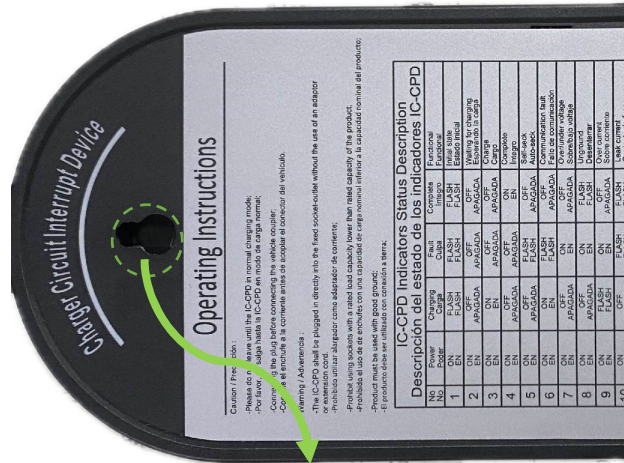
Warranty void: Damage caused by violation of the above conditions is not covered by the warranty.

Indicators Status Description



缆上控制与保护装置指示灯说明 IC-CPD Indicators Status Description					
序号 No.	电源 Power ●	充电 Charging ●	故障 Fault ●	结束 Complete ●	功能状态 Functional Status
1	常亮 ON	闪烁 FLASH	闪烁 FLASH	闪烁 FLASH	初始状态 Initial state
2	常亮 ON	灭 OFF	灭 OFF	灭 OFF	等待连接 Waiting for charging
3	常亮 ON	常亮 ON	灭 OFF	灭 OFF	正常充电 Charge
4	常亮 ON	灭 OFF	灭 OFF	常亮 ON	充电结束 Complte
5	常亮 ON	灭 OFF	闪烁 FLASH	灭 OFF	上电自检失败 The power-on self-test failed
6	常亮 ON	常亮 ON	闪烁 FLASH	灭 OFF	CP通讯信号异常 Communication fault
7	常亮 ON	灭 OFF	常亮 ON	灭 OFF	过/欠压 Over/under voltage
8	常亮 ON	灭 OFF	常亮 ON	闪烁 FLASH	接地异常 Ungrounded
9	常亮 ON	闪烁 FLASH	常亮 ON	灭 OFF	过流保护 Over current
10	常亮 ON	灭 OFF	闪烁 FLASH	闪烁 FLASH	漏电保护 Leak current
11	常亮 ON	常亮 ON	常亮 ON	常亮 ON	超温 Over temperature
12	常亮 ON	常亮 ON	闪烁 FLASH	常亮 ON	三插头超温 The plug over temperature
13	常亮 ON	常亮 ON	常亮 ON	闪烁 FLASH	三插头温感丢失 Plug of temperature sensor signal lost

Wall-Mounted Installation Instructions



Wall mounting hole location


Installation Steps:

- ① Ensure the product is flush against the wall. Select a wall-mounting position that enables simultaneous connections to both the vehicle and the power outlet.
- ② Hang the product on the wall using the appropriate size and weight rated mounting hardware (not included).

Important Note: To maximize service life, it is strongly recommended to:

- Avoid leaving the product wall-mounted for extended periods.
- Store the device in a shaded, dry location after use.

Product Specifications

- Model: CL-B4GB13.
- Rated Voltage: 220V AC.
- Rated Current: 13A.
- Rated frequency: 50Hz.
- Rated Power: 2.86kW.
- Rated Residual Operating Current: 30mA+DC 6mA.
- Leakage Trip Time: <0.1s.
- Input Mode: Single-phase three-wire system.
- Client-side Fixation: Mounting holes functionality.
- IP degree(function box): IP65/IP67.
- Altitudes: $\leq 4000\text{m}$
- Certifications Included:  3C