

## Safety Precautions

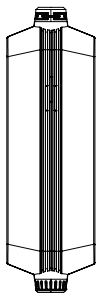
### Important Note:

⚠ Our company bears no responsibility for accidents resulting from unauthorized use of adapters that lead to power point overload or damage.

- Before using the mobile charger, users are advised to carefully read the user manual.
- Failure to operate in accordance with the instruction manual may result in fire, electric shock, serious injury, or even death.
- Please use the mobile charger only in the designated operating environment.
- The mobile charger is intended solely for charging plug-in HEV and BEV. Don't use it for other purposes.
- If any defects, cracks, or other damage are detected on the mobile charger, or if it fails to start properly, please discontinue use.
- Don't attempt to open, dismantle, repair, or modify the mobile charger. This mobile charger is not user-serviceable.
- Don't connect the mobile charger to extension cords, power strips, adapters, or plug converters.
- When the vehicle is actively charging with the mobile charger, do not unplug the mobile charger from the power source.
- Please do not use a private generator as the power source for charging.
- Don't connect the mobile charger to damaged, loose, or outdated power outlets. Ensure that the plug of the mobile charger securely couples with the power outlet.
- The interior of the mobile charger contains components that may produce arcs or electrical sparks, such as switches and relays. Do not expose the mobile charger to flammable, corrosive, or steamy chemical environments.
- When using the mobile charger in an indoor environment, such as in a garage, do not place it in recessed or below-floor-level areas. Please position the main body of the mobile charger at least 20cm above the ground level.
- Don't use the mobile charger when any part of the user, or the vehicle is exposed to severe weather conditions such as rain, snow, thunderstorms, etc.
- Please handle the mobile charger with care during transportation, and avoid compressing, twisting, dragging, or stepping on it to prevent damage to the product or any of its components.
- Avoid exposing the mobile charger to humid environments, water, or other foreign substances. Such exposure may result in damage or corrosion to the mobile charger.
- Do not allow sharp metal objects, such as metal wires, metal tools, or needles, to come into contact with the mobile charger.

- If it rains while the vehicle is charging, do not allow rainwater to enter the power outlet and charging port along the cable.
- If the power outlet is submerged in water or covered with snow, do not insert the plug of the mobile charger. If the plug of the mobile charger is already inserted when this occurs, please first turn off the circuit breaker and then unplug the plug.
- Don't use brute force to bend or damage any part of the mobile charger, and avoid using sharp objects to harm it.
- Don't insert foreign objects into any part of the mobile charger.
- Don't use the mobile charger when the vehicle is covered by a car cover.
- Ensure that the charging cable of the mobile charger does not obstruct sidewalks, other vehicles, or any other objects.
- The use of the mobile charger may potentially interfere with or damage medical equipment or implanted electronic devices, such as implanted cardiac pacemakers or defibrillators. Prior to using the mobile charger, please consult with the manufacturer of such medical devices to confirm any potential impacts caused by the use of the mobile charger.
- Don't use cleaning solvents to clean the mobile charger.
- Don't plug the device into power outlets through which water could ingress the device.
- Don't immerse the charging equipment in water, and don't directly expose it to water spray (e. g. from high-pressure cleaners or garden hoses).
- Don't expose your charging equipment to large amounts of dust, highly humid or moist environments, or aggressive liquids.
- To prevent overheating while charging, do not expose your IC-CPD to direct sunlight or other sources of heat for long periods of time. If the IC-CPD 2 becomes overheated, charging is automatically interrupted until the unit's temperature drops to within its normal operating range.

## Product Specifications



Product Name	ZD T Serie Lite IC-CPD		
Product Model	ZDA4-HB1-AO1E	Rated Output Current	≤8A
	ZDA4-AB1-AO1E		≤10A
	ZDA4-BB1-AO1E		≤13A
	ZDA4-JB1-AO1E		≤15A
	ZDA4-CB1-AO1E		≤16A
Rated Voltage (V)	AC220~240V		
Frequency (HZ)	50/60Hz		
Operating Temperature	-40°C~55°C		
Humidity Range	5~95%		
maximum relative humidity at 40°C	75%		
Storage Temperature	-40°C~85°C		
Ingress Protection	IP66		
RCD Type	AC30mA+DC6mA		
Dimension	234mm*80mm*45mm		
Operatng elevation limit	Up to 2,000 m above sea level		
External magnetic field	Not exceeding five times the Earth’ s magnetic field in any direction		
Sinusoidal wave distortion	Not exceeding 5 %		

## Operating instruction

⚠ Circuit-breaker shall be installed before the standard socket-outlet for upstream protection, check the user manual for the characteristics about the circuit-breaker.

1. We plug the charger's three-pin plug into the power source. At this point, the IC-CPD will start automatic process of verification for the self-test, the LED indicator light will be in green.
2. Pleas plug the vehicle-end coupling into the vehicle's charging connecton socket
3. Once charging begins, the Blue light will blink breathlessly.
4. When charging is complete, the vehicle will automatically disconnect and unlock. Afterward, you can remove the gunhead and return it to its original position.  
(If you need to stop charging during the process, you can unplug the charging gunhead or directly disconnect the three-pin plug to end charging).

## Lamp Reminder

Status	lamp signal
Not available	Red light standby
Standby	Green light standby
Wait for charging	Blue light fast flashes
Charging Status	Blue light blinks breathlessly
Overheating & Slow Charging	Yellow Light Standby

Fault	Red light flashes
Leakage	Red light flashes 1 times
CP Error	Red light flashes 2 times
Overvoltage	Red light flashes 3 times
Undervoltage	Red light flashes 4 times
Overcurrent	Red light flashes 5 times
Ground Fault	Red light flashes 6 times
Short Circuit	Red light flashes 8 times
Over-temperature	Red light flashes 9 times
Metering Chip Error	Red light flashes 11 times
Leakage Self-test Fault	Red light flashes 12 times
Relay Contact Welding Fault	Red light flashes 13 times
Fault	Red light flashes 14 times
Reserve connection of zero Line and Live Line	Red light flashes 19 times

## Disclaimer:

1. Accidental damage during transportation of the product by the customer.
2. Product failure or damage caused by improper installation by the customer or product usage outside of defined working environment.
3. Damage to the appearance of the product (Such as burns, warping, deformation, etc.).
4. The product has been attempted repair by unauthorized personnel.
5. Damage due to natural disaster (such as earthquakes, floods, etc.).
6. Products that exceed the warranty period.

### Contact us:

Web: <https://www.zdenenergy.com/>

Mail: [service@zdenenergy.com](mailto:service@zdenenergy.com)

### Multinational language

GE: Für andere Sprachen scannen Sie bitte den QR-Code.

FR: Pour d'autres langues, scannez le code QR.

ES: Para otros idiomas, escanee el código QR.

PT: Para outras línguas, digitalize o código QR.

IT: Per altre lingue, scannerizza il codice QR.

RU: Прочие языки, пожалуйста, сканируйте QR - код.

TH: ภาษาอื่น ๆ โปรดสแกนรหัส QR.

AR: للغات الأخرى، يُرجى مسح رمز الاستجابة السريعة ضوئياً



**ZEEDA**  
ENERGY

## ZeedaPortable T Series Lite IC-CPD User Manual