

# 3.5/7KW DC movable charger

## Product Introduction

AUPINS is a professional supplier of new energy vehicle charging accessories, committed to providing services to achieve sustainable development of the electric vehicle (EV) industry. This small DC mobile electric vehicle charger has a simpler design, is lighter and thinner, and is more convenient to carry. No industrial three-phase electricity, no AC charging pile, and no on-board charger are required. An internal contactor is also added, and the charger does not output direct current before the handshake with the BMS is successful, which is safer. Dual battery protection mechanism, automatic shutdown after the battery is fully charged. And it is suitable for all models of electric vehicles that meet new and old European standards.



## Product Features

- Convenient charging, plug and play
- With a one-click stop button
- With overload protection, short circuit protection, discharge, leakage protection and other functions
- Breathing light display charging progress, fault reminder function

## Technical performances

### 01 Mechanical Performance

Protection level: 3.5kw-IP67,7kw-IP55  
 Impact Protection:IK8  
 Surge :Severe level 3  
 Voltage drop:Severe level 3  
 Dimension: 340\*160\*90mm  
 weight :6Kg( Includes input and output cables)  
 Standard:IEC61851-1  
 Charging protocol:CCS2 DIN 70121 /ISO15118/IEC61851-23

### 02 Electrical performance

Alternating current voltage: 230V(± 10%)  
 Input connection: L 1+N+PE RH%  
 Maximum power: 3.5KW/7KW  
 Direct current voltage:500V  
 Output voltage range : 200-420V/90-280V  
 Maximum instantaneous output power: 9A (Suitable for 3.5kW models)  
 Maximum output power of direct current :2.5-3.3KW  
 efficiency :95%

### 03 Environmental performance

Working temperature: -30°C-+50°C  
 Operating humidity range:40-80RH%(When the outer surface temperature is below the dew point,Condensation can also work normally)

Working Altitude:<2000米  
 Atmospheric pressure: 70-106kpa

## Performance Specifications

3.5/7KW DC Movable Charger						
Code	Type	Maximum power(KW)	Output voltage range(V)	DC voltage (V)	Protection level	Dimension(mm)
27001	AP-TA-DC-3.5KW	3.5	200-420	500	IP67	340*160*90
27002	AP-TA-DC-7KW	7	90-280	500	IP55	420*260*140