

16Amp Portable EV Charger Compatible with Tesla

User Manual



Human friendly

English

Thank you for choosing Unitek 16Amp Portable EV Charger for Tesla. Please read the user manual carefully before use and save them. If you need any help, please contact our professional customer service team at: support_us@unitek-products.com.

Product Overview



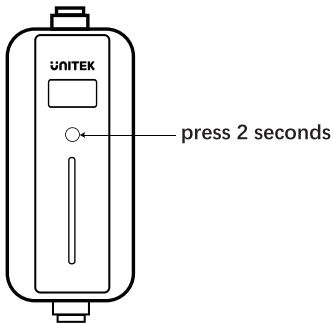
Package Content:

- 1 x 16Amp Portable EV Charger
- 1 x NEMA 5-15P to 6-20R Adapter
- 1 x Storage Bag
- 1 x User Manual

Product Specification

| | |
|----------------------------------|---------------------------------------|
| Model | Q-043 |
| Input voltage | 110-250V 60Hz |
| Rated current | 16A |
| Rated power | 3.5KW |
| Insulation resistance | ≥1000MΩ |
| Durability | Above 10000 time, (unworking status) |
| Environmental performance | |
| Environmental temperature | -85°F~+257°F (PE cable-40°F ~+185°F) |
| Vibration | MIL-STD-202 Meth.204 |
| Corrosion resistance | MIL-STD-202 Meth. 101 |
| Material | |
| cover | Thermoplastic |
| Insulator | Thermoplastic |
| seal ring | Rubber |
| Flame retardant rating | UL94-V0 |
| Touchpoint | Copper Alloy Silver Plated |
| Operating temperature | 14°F-176°F |
| Relative humidity | 104°F 98% |
| Protection level | IP54 (working) IP66(unworking) |
| Package | |
| Package | Storage case / PE+ Carton box |

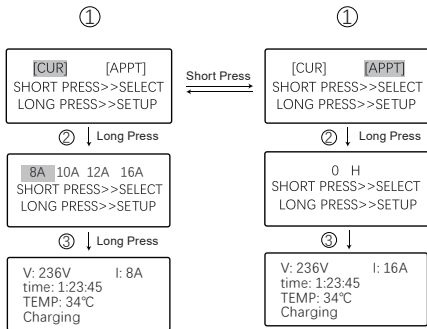
Key Description



Please press the button for 2s to enter adjustment mode, with [CUR] and [APPT] are optional, respectively for adjusting the charging current and setting the charging appointment time. Shortly press the button to switch options, Press 2s the button to enter the corresponding setting option.

Adjusting Charging Current

After entering the current setting, there are 4 options: 8A, 10A, 12A, and 16A. Short press the button to switch options, cycling through the four levels. After selecting the corresponding current, press 2 seconds the button to confirm and exit the setting mode.



Setting Charging Appointment

After entering the charging time setting mode, short-press the button to adjust the scheduled charging time. Each press increases the time by one hour. The range is adjustable from 0 to 12 hours, with 13 levels to cycle through. After selecting the desired time, press the button 2s to confirm and exit the setting mode. The countdown begins and charging starts at the set time.

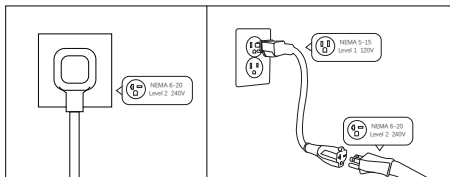
Factory default data is 16A and immediate charging (the current level is 16A and no scheduled time).

Adjustable Appointment Time

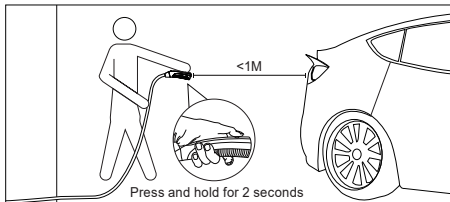


How to Use

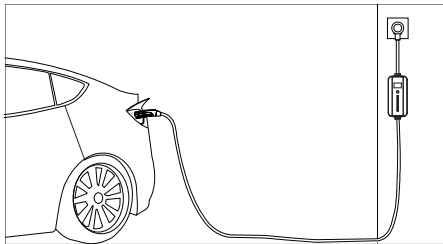
1. Insert the power plug into the power outlet.



2. At a distance of less than 1M, long press the button for 2s and the charging cover on the car pops open automatically.



3. Insert the charging head into the charging port of car.



4. Wait for the charging indicator turn green.

FAQ

Q: Is this charger waterproof?

A: The charging gun can reach IP54 in working condition, while the protection level of the control box can reach IP66 in unworking condition, it is not suggested to use the charger in extreme environments and avoid the control box from rain.

Q: How fast is the charge speed?

A: The maximum charging power is 3.5KW(16A, 110-250V) the actual charging speed depends on a variety of factors: the charging current, which outlet you choose and the battery capacity of your vehicle.

Q: How to select the charging current?

A: Long press the button for 2s to enter adjustment mode, and long press

to select [CUR]. Then short press to select current 8A/10A/12A/16A, long press to confirm setting current.

Q: How to set a scheduled charging time?

A: Long press the button for 2s to enter adjustment mode, and long press to select [APPT]. Then short press to select the scheduled charging time, from 0-12 hours. After selecting the desired time, press the button for 2s to confirm.

Q: What should I do if I want to use a different power plug?

A: Our product supports LEVEL 1 & LEVEL 2, but power adapters purchased from third parties may not be 100% compatible with our products. For safety reasons, it is not recommended that you use any adapters and extension cords purchased from third parties. If you need it urgently, You can contact us to provide you with purchasing channels for adapters with the highest compatibility with the product.

Q: What are the functions of the button on the end of the charging head?

A: The button has a one-click opening function. After ensuring that the power is connected normally, press the button on the charging head to open the charging cover automatically. The maximum effective distance is 1M (sometimes it is normal for the distance to change slightly due to environmental influences). In addition, the button also has a power-off function. When you no longer need to charge, press the button and then pull out the gun head to disconnect charging. If you accidentally touch the button, don't worry; if you don't pull out the charging head after pressing the button, it will automatically connect again for charging after 10 seconds.

Warning

1. Please read the instructions before use, if not used following the instructions it may cause fire, electric shock, or serious injury.
2. It is strictly prohibited to disassemble or tamper with this charger, and strictly prohibited from repairing this charger from non-professional workers.
3. Avoid using the charger under extreme conditions(hurricanes, rainstorms, etc.).
4. Do not use this product with any extension cord or adapter from other third parties. If you need a different NEMA adapter, please contact us to purchase.

About Screen Error

| | |
|----------|-------------------------------|
| error: 1 | Over-temperature |
| error: 2 | Over-voltage or under-voltage |
| error: 3 | Over-current |
| error: 4 | Leakage |
| error: 5 | Communication abnormality |
| error: 6 | Not grounded |
| error: 7 | LN short circuit |

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