

32Amp Portable EV Charger Compatible with Tesla

User Manual



Human friendly

English

Thank you for choosing Unitek 32Amp 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



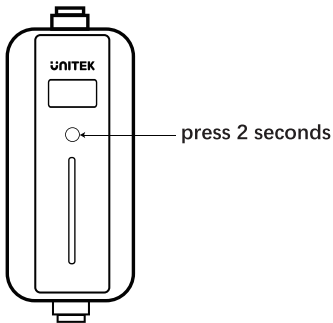
Package Content:

- 1 x 32Amp Portable EV Charger
- 1 x NEMA 6-20P to 14-50R Adapter
- 1 x Storage Bag
- 1 x User Manual

Product Specification

Model	Q-021
Input voltage	110-250V 60Hz
Rated current	32A
Rated power	7KW
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

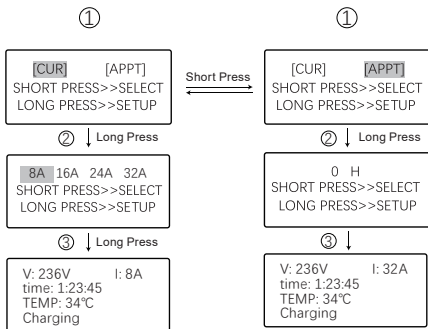
Key Description



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, 16A, 24A, and 32A. 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.

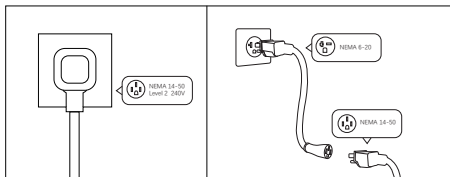
Factory default data is 32A and immediate charging (the current level is 32A and no scheduled time).

Adjustable Appointment Time

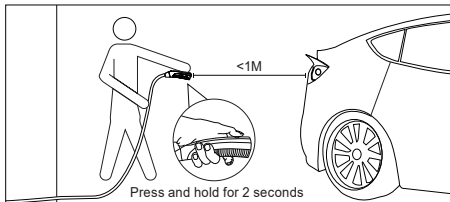


How to Use

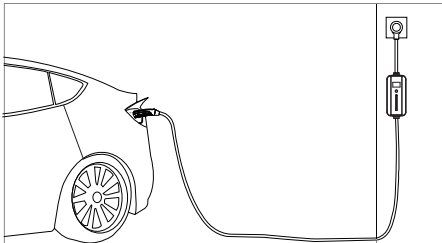
1. Insert the power plug into the power outlet.



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 7KW(32A, 110-240V) 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/16A/24A/32A, 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: We provide you with a NEMA 14-50R to 6-20P adapter. Since the maximum current supported by NEMA 6-20 is 16A, when using this adapter, please be sure to set the maximum current below 16A. In addition, our product supports LEVEL 1 & LEVEL 2, and 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 have urgent needs, you can contact us. We 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.
5. Since the product charges at a current of 32A by default, please be sure to set the appropriate current according to the power source before plugging the connector into the vehicle. When using the NEMA 14-50R to 6-20P adapter, you must set the max current below 16A, because the max current supported by NEMA 6-20 is 16A. Otherwise, it will be overloaded for a long period, resulting in heat and combustion.



MAX 15A
NEMA 5-15



MAX 16A
NEMA 6-20

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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