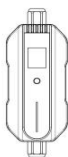


Charge Ninja

Sai Portable Charger

Product Description: Portable EV Charger with AC220-240V 10A/13A/16A/20A/32A adjustable

Product Part: Charging Plug/Electric Vehicle Charge Control Box/Charge Cable/Power Plug (UK 3-PIN, Schuko, CEE)



Charger
Control Box



SAE J1772
Type 1 Plug



IEC 62196-2
Type 2 Plug

Safety Instructions
Assembly Instructions
Operating Manual



Safety Warning

Choose a suitable AC socket based on the current 10A/13A/16A/20A/32A you require. Always follow the rule 80-100 rule of usage.

Example: Use a higher current of AC socket for 20A (wall socket) while charging at 16A (charger).

Functions of Charger Control Box


- Leakage protection (restart)
- Over-voltage or low-voltage protection
- Over-load protection (restart after self-checking)
- Lightning protection
- Over-heat protection (cool down and restart)



Technical Specifications

- Rated Input Voltage: 220-240V AC
- Rated Output Voltage: 220-240V AC
- Rated Current: Default 16A (10A, 13A, 20A, 32A adjustable)
- Insulation Resistance: >1000M Ω (DC500V)
- Contact Resistance: 0.5M Ω MAX
- Wiring Harness Size: 3*2.5mm²+2*0.5mm²
- Unit N.W.: 2.02 kgs
- Housing Fire Rating: UL94V-0

Rated current selection

- The power indicator  will turn on after it is plugged into the wall power outlet.
- Long press the power button for 3 seconds to enter the selection menu for non-charging mode.
- Short press to select 10A/13A/16A/20A/32A. Your selected ampere will flash on the display.
- Long press for 3 seconds to choose relevant current.


Charging Time

- When the EV charger is plugged into the vehicle  and  will light up.
- Short press the power button to check the charging time. If the vehicle is not charging, it will indicate this  icon.
- The charging current will be indicated in real-time.

Over-load protection

- This product has an over-load protection feature that will shut off the unit within 10 seconds if the supplied current is over the set current.
- It will restart automatically for up to a limit of 3 times within 5 minutes.
- If it does not restart automatically on 4th time, please unplug and reconnect the power plug to restart.

Over-voltage protection

- This unit's over-voltage protection will be triggered to shut off if voltage is over than 275V, showing  on the display. It will restart automatically if voltage value drops to 265V and holds for 5 seconds.

Short-circuit protection

- The unit will shut off for short circuit protection if the current is double than the preset current. Please remove the plug and re-plug to restart it.

Over-temperature protection

- The unit will shut off for over-temperature protection if working temperature exceeds 85C. It will restart automatically when temperature drops down to 65C.

Lightning protection

- This product will shut off for lightning protection on lightning stroke or surge in current.

Instructions

Step 1: Plug  into wall AC socket. (110V/120V/220V/240V)



Step 2: Press the switch button and choose the charging current.



Step 3: Plug the charging connector into the vehicle charging inlet.



Step 4: Remove the charging plug from the vehicle after full charge.



Safety Information

- The product may get hot during use. This is normal, as with other chargers.
- Do not use the product in severe rain, snow, electrical storm or in an flammable, harsh chemical or vapor-rich environment.
- Do not touch the metal parts while charging as this may result in an electric shock.
- When transporting the portable charger, handle with care to prevent damage to any of its components. Do not subject the portable charger to strong force or impact.
- Do not pull, twist, tangle, drag or step on the portable charger or any of its components.
- Do not use on non-compatible electric vehicles.