

AC Portable EV Charger User Manual



AC Single-phase Portable EV Charger

Portable and Convenient

Simple and portable.

Charge your EV wherever and whenever.

Plug and Play

Easy operation, plug and play.

Charging EV just like charging your mobile phone.

Adjust current

Adjust current to meet different charging needs.

16A: 8/10/13/16A 4 gear current adjustment.

32A: 10/16/24/32A 4 gear current adjustment.

Scheduled Charging

1-10H scheduled charging.

Friendly Interface

Intuitive HMI with LED indicators.

With LED screen display more intuitive.

Robust and Durable

Anti-corrosion and weather proof.

IP65 protection grade for outdoor use stably.

Safe and Reliable

Current leakage protection to ensure safety.

Over temperature protection to secure reliability.

Portable EV Charger Specifications

Specification	Model	B04 AC EV CHARGER SERIES		
		<input type="checkbox"/> UK Plug	<input type="checkbox"/> EU Plug	<input type="checkbox"/> Industrial Plug
AC Nominal Input	Phases / Lines	1 Phase + Neutral + PE		
	Voltage	240V		
	Frequency	50 / 60Hz		
AC Nominal Output	Voltage	240V		
	Current	13A (4 gear adjustment)	16A (4 gear adjustment)	10/16/24/32A (4 gear adjustment)
	Power	3KW (MAX)	3.7 (MAX)	7.4KW (MAX)
Feature Design	LED Indicator	4 indicators		
	Scheduled Charging	<input type="checkbox"/> None / <input type="checkbox"/> 1-10H scheduled charging		
	Display screen	LCD display		
	Charging Outlet	One charging gun (Type 2)		
	Plug Cable Length	0.5M		
	Gun Cable Length	4.2M		
Environmental	Operating Temperature	-30 ~ +50 °C		
	Working Humidity	5%~95% Without condensation		
	Working Altitude	<2000M		
Index	Protection Grade	IP65		
	Application Site	Indoor / Outdoor		
	Cooling Method	Natural cooling		
Security Protection	Multiple Protection	Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection, Over current protection, Current leakage protection, Grounding protection.		
	MTBF	100,000 hours		
	Safety Standard	IEC62752		
	Warranty	1 years		
Package Information	Product Dimension	250*100*45mm (Control Box)		
	Package Dimension	300*300*120mm		
	Net Weight	4KG		
	Gross Weight	5KG		
	External Packing	Carrying case + Carton box		

Portable EV Charger HMI

★ LED Indicator:

- 1: POWER LIGHT: Power indicator.
- 2: STATUS LIGHT: Charging status indicator.
- 3: FAULT LIGHT: Fault alarm indicator.

★ LCD Display:

LCD display shows voltage and current gears.

★ Adjust Current Button:

16A: 8/10/13/16A 4 gear current adjustment. The initial energization current 16A. When other currents are needed for charging, click the current button to switch, the current switching sequence is 16A→13A→10A→8A→16A.

32A: 8/16/24/32A 4 gear current adjustment. The initial energization current 32A. When other currents are needed for charging, click the current button to switch, the current switching sequence is 32A→24A→16A→10A→32A.

★ Scheduled Charging:

1-10H scheduled charging.

Plug in the plug first, and then press the appointment button to make an appointment. It takes a few hours to make an appointment and press it a few times.

During the charging process, it is not possible to make an appointment.

Charging Operation

Operation Guidelines for portable EV charger:

- 1: First, insert the plug of the portable EV charger into the power socket, and then turn on the portable EV charger and perform a self-inspection.
- 2: When other currents are needed for charging, click the current button to switch.
- 3: If you need to reserve charging, press the reserve button to reserve.
- 4: Secondly, plug the charging gun into the AC charging port of the electric vehicle, and the portable EV charger starts to charge the electric vehicle.
- 5: After charging is complete, unplug the charging gun and then unplug the plug.
- 6: Finally, put the portable EV charger back into the portable EV charger bag.



Packaging, Transportation and Storage

★ Packaging

- 1: Technical documents: 1 set of charging pile instruction manual.
- 2: Certificate of Qualification.
- 3: Packing method: carrying case + cartoon box.

★ Transportation

During transportation, the product should not be subjected to severe vibration, impact and inversion.

★ Storage

If the product is not used immediately after purchase, it should be stored in a dry and well-ventilated indoor place, or stored in a dry and well-ventilated indoor place during short-term or long-term storage. Do not store in a humid environment or a place exposed to sunlight.

The equipment operates under normal operating conditions and usually does not require special maintenance during its service life. If you have any questions, please contact the manufacturer.

WARNING

- 1: Do not use the device when the charging cable damaged.
- 2: When using this product, the power supply line must be well grounded.
- 3: It is strictly forbidden to use external wires or adapters.
- 4: This equipment contains high voltage Non-professionals should not open the cover.
- 5: Suggests: Use this equipment to charge electric vehicles in a ventilated environment.