



BENY

Datasheet



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Product Overview

The BENY all-in-one portable EV charger integrates the core control unit into the charging gun head, eliminating the need for an external control box. With a simple structure, it achieves the ultimate integration of charging equipment. It allows car owners to charge electric cars anywhere using standard home power ports, with high efficiency and portability.



Product Advantages



Full Protection IP54 Waterproof

Protection Functions

With full protection to avoid all kinds of charging safety hazards, it will automatically power off after the vehicle is fully charged, to protect the car battery and prolong the working life.

10 INTELLIGENT SAFETY PROTECTION

The diagram illustrates the 10 intelligent safety protection functions of the BENY all-in-one portable EV charger. The charging gun head is shown with a transparent section revealing internal circuitry. Surrounding the gun head are 10 icons, each representing a specific protection function:

- IP54 waterproof
- CE certification
- Lightning protection
- Leakage protection
- Overcharge protection
- Overvoltage protection
- Low-voltage protection
- overcurrent protection
- ground protection
- Overheat protection

Model Selection

Portable AC EV Charger	BCPP-A1Z-16
	European standard
	
Maximum Power	3.7kW
Rated Input Voltage	AC230V 1-Phase
Rated Charging Current Range	8A-16A
Frequency	50HZ/60HZ
Display	LED Light
Adjustable Current	✓
Plug options	✓
CP Signal Abnormal Protection	✓
Over Voltage Protection	✓
Under Voltage Protection	✓
Over Current Protection	✓
Leakage Protection	✓
Over Temperature Protection	✓
Relay Adhesion Protection	✓
Lightning Protection	✓
Fire Protection	✓
Anti-pressure Protection	✓
Ground Protection	✓

Working Life	< 10000 times
Plug Cable Length	6m
IP Protection	IP54
Operating Temperature	-30°C ~ +50°C
Storage temperature	-40°C ~ +85°C
Operating Altitude	<2000m

✓ : Standard

Plug Types

	EU(German)	AU	ZA	UK	BRA	USA
						
Model Type	ZH-3	YP-39A	ZH-70A	YP-61A	ZH-72B	ZH-02
Current/Voltage	16A/250V~	20A/250V~	16A/250V~	13A/250V~	16A/250V~	15A/125V
Wire	H07BZ5-F 3G 2.5mm²	H05VV-F 3G 2.5mm²	H07RN-F 3G 2.5mm²	H05VV-F 3G 2.5mm²	H07RN-F 3G 2.5mm²	SJ 14AWG*3C*2.08mm²
Material	P.V.C	P.V.C	P.V.C	P.V.C	P.V.C	N.P.C-45P