



# BENY

# Datasheet



## ZHEJIANG BENYI NEW ENERGY CO.,LTD.

SHUANGHUANGLOU INDUSTRIAL ZONE , BEIBAIXIANG TOWN, YUEQING CITY, WENZHOU CITY, ZHEJIANG PROVINCE, CHINA.

TEL: +86-577-5717 7008 FAX: +86-577-5717 7007

✉ info@evb.com

🌐 www.evb.com

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⚠️ If the models and specifications in this product catalogue change due to product updates, we will not provide prior notification.



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# Product Overview

The BENY Smart Portable & Wall-mounted AC EV Charger features connectivity of Bluetooth and Wi-Fi, along with App control capability. It allows car owners to charge their EVs using a standard household power outlet anywhere, offering both efficiency and portability.



## Product Advantages

-  More Connectors
-  Wall-Mounted & Portable
-  4.3-inch Touch Screen
-  Bluetooth & Wi-Fi
-  IP65 Waterproof
-  Full Protection
-  WirelessDLB Solar Compatible

# Model Selection

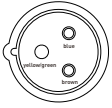
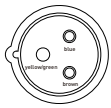
| Portable<br>AC EV Charger     | BCPP-A2N-32                                                                       | BCPP-AT2N-32                                                                        |
|-------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                               | European standard                                                                 |                                                                                     |
|                               |  |  |
| Maximum Power                 | 7.4kw                                                                             | 22kw                                                                                |
| Input/Output Voltage          | AC230V 1-Phase                                                                    | AC400V 3-Phase                                                                      |
| Charging Current Range        | 6A-32A                                                                            | 6A-32A                                                                              |
| Frequency                     | 50HZ/60HZ                                                                         |                                                                                     |
| Display                       | 4.3-inch touch screen + LED Light                                                 |                                                                                     |
| DLB                           | <input type="radio"/>                                                             | <input type="radio"/>                                                               |
| Wall-mounted                  | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Adjustable Current            | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Timed Charging                | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Plug options                  | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Weekly Reservation Charging   | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| History Charging Records      | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Bluetooth                     | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Wi-Fi                         | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| APP                           | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| CP Signal Abnormal Protection | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Over Voltage Protection       | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Under Voltage Protection      | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Over Current Protection       | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Leakage Protection            | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Over Temperature Protection   | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |
| Relay Adhesion Protection     | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/>                                                 |

|                          |                                              |                                     |
|--------------------------|----------------------------------------------|-------------------------------------|
| Lightning Protection     | <input checked="" type="checkbox"/>          | <input checked="" type="checkbox"/> |
| Fire Protection          | <input checked="" type="checkbox"/>          | <input checked="" type="checkbox"/> |
| Anti-pressure Protection | <input checked="" type="checkbox"/>          | <input checked="" type="checkbox"/> |
| Ground Protection        | <input checked="" type="checkbox"/>          | <input checked="" type="checkbox"/> |
| Standards                | IEC 62752, IEC 61851-21-2                    |                                     |
| Working Life             | <10000 times                                 |                                     |
| Plug Cable Length        | 30cm                                         |                                     |
| Total Length             | 7m as standard (Customized length available) |                                     |
| IP Protection            | IP65                                         |                                     |
| Operating Temperature    | -30°C ~ +50°C                                |                                     |
| Storage temperature      | -40°C ~ 85°C                                 |                                     |
| Operating Altitude       | <2000m                                       |                                     |

☒ : Standard    ☐ : Optional    ☒ : Without

## 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<br>3G 2.5mm²                                                                 | H05VV-F<br>3G 2.5mm²                                                                  | H07RN-F<br>3G 2.5mm²                                                                  | H05VV-F<br>3G 2.5mm²                                                                  | H07RN-F<br>3G 2.5mm²                                                                  | SJ<br>14AWG*3C*2.08mm²                                                                |
| Material        | P.V.C                                                                                 | P.V.C                                                                                 | P.V.C                                                                                 | P.V.C                                                                                 | P.V.C                                                                                 | N.P.C-45P                                                                             |

|                 |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                 |  |  |  |  |  |  |
| Model Type      | TYPR285                                                                               | TYPR281                                                                               | TYPR235                                                                               | TYPR231                                                                               | Three-phase cable/0.9M                                                                | Single-phase cable/0.9M                                                               |
| Current/Voltage | 32A, 380-415V<br>(3 phase)                                                            | 32A, 200-250V<br>(1 phase)                                                            | 16A, 200/346-240/415V<br>(3 phase)                                                    | 16A, 200-250V<br>(1 phase)                                                            | 32A/400V<br>(3 Phase)                                                                 | 32A/230V<br>(1 Phase)                                                                 |
| Wire            | H07BZ5-F<br>5G 6mm² + 1G 0.75mm²                                                      | H07BZ5-F<br>3G 6mm² + 1G 0.75mm²                                                      | H07BZ5-F<br>5G 2.5mm² + 1G 0.75mm²                                                    | H07BZ5-F<br>3G 2.5mm² + 1*0.75mm²                                                     | H07BZ5-F<br>5G 6mm² + 1*0.75mm²                                                       | H07BZ5-F<br>3G 6mm² + 1*0.75mm²                                                       |
| Material        | nylon                                                                                 | nylon                                                                                 | nylon                                                                                 | nylon                                                                                 | /                                                                                     | /                                                                                     |