

Fast EV Charger

for residential use



- Mode 3 (IEC61851-1)
- IP65 rated for outdoor or indoor use
- Available in type 2 socket for high flexibility or type 2 tethered
- Access control capable unit available (can be disabled for plug and charge)
- Adjustable output 6A – 32A single phase
- Dynamic load balancing option
- **5-year warranty**

Technical Specifications

IP Rating	IP65
Installation	Wall-mounted
Standard	IEC61851-1:2019
Charging Current	6A to 32A variable
Rated Operational Voltage (Ue)	Single 230V (315%)
Max Current	32A
Power Output	1.3kW – 7kW
Fixed Cable Length	6M
Operating Temperature	-25°C - +55°C
Weight	6.2kg
Dimensions (H x W x D) mm	380 x 178 x 155
Certificate	CE
Protection	Integrated RDC-DD, over temperature sensor, emergency stop button, status indicator light

Dynamic load balancing function



When enabled with DLB functionality, the household consumption is constantly monitored and the EV charger reduces and increases the output depending on how much power is available.

Model Selection

EVB7SOCKET	Beny 7kW Type 2 Socket Basic EV Charger
EVB7SOCKET-D	Beny 7kW Type 2 Socket EV Charger with Dynamic Load Balancing
EVB7SOCKET-D-A	Beny 7kW Type 2 Socket EV Charger with Dynamic Load Balancing & App

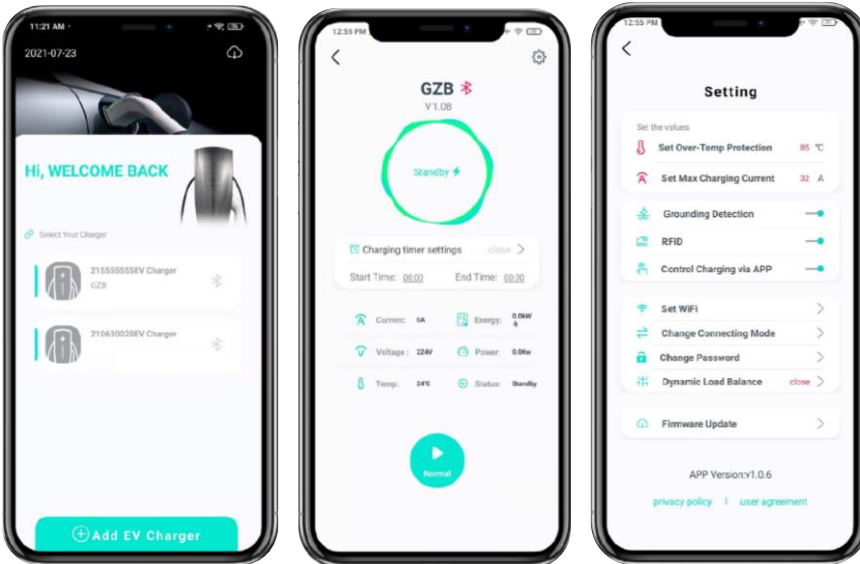
All models listed are also available in tethered type 2

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Mobile App Features

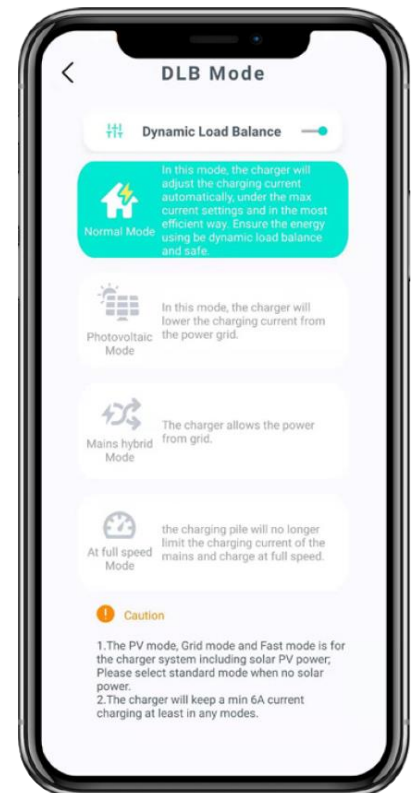


- Easy pairing by way of QR code
- Real-time data and charger status
- Historical charging sessions
- Delay start and end time
- Set max charging current
- Enable/disable access control (RFID)
- Dynamic load balancing

Dynamic Load Balancing Options

Available in 4 modes;

1. **Normal mode:** This setting should be used when there is no PV array supplying the household. The EV charger will automatically adjust the charging current so that the entire household load is limited to the value set (the available power to the home).
2. **Pure PV mode:** For those wanting to be powered totally by their own generated energy, the EV charger will reduce the charging current when mains is detected.
3. **Hybrid mode:** The recommended choice for integrating with PV systems, the EV charger will utilise the PV generation and/or the allowed mains current to achieve the desired output.
4. **Full speed mode:** There is no limitation on the charger output, no load balancing function.



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