

MIG

SOLUTION



electrium.me



EV CHARGERS

3-Phase EV Chargers up to 22kW

1. About Us

Electrium.me is an enterprise, part of MIG SOLUTION Group, doing consulting, designing, selling and installing Electric Vehicle Supply Equipment (EVSE), or simply charging stations for electrical cars. We are agents and servicers of the world-famous brand Beny, a well-known manufacturer of DC voltage equipment



MIG SOLUTION GROUP

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2. Few Words About Beny

EXPERIENCED PV PROTECTIVE SOLUTION MANUFACTURER

BENY Electric is a trusted manufacturer of protective components for photovoltaic systems across the globe. Our experience of working in the electrical industry for more than 30 years allows us to create solar DC components that comply with the latest DC standards. Through our focus on solar DC protection design, production, and marketing, we can bring brand-building PV protection solutions.

COMMITMENT TO QUALITY

Quality is the primary goal among each of our workshops since this leads to the best performance and safety for any solar power system. Our commitment to quality increased brand awareness for your company. To achieve our goal, our factory complies with UL, SAA, CB, CE, TUV, ISO, and RoHS standards.

STAYING UPDATED ON MARKET TRENDS

Achieving our goals come from formulating new products based on the market demands through our in-house R&D team. Our efforts have led to our first UL508i listed patented DC switch within China and the DC-PV2 DC switch produced for the global market. With our cutting-edge PV protective products, we aim to create a long-term partnership with many photovoltaic companies.

The logo for BENY, featuring a stylized red lightning bolt symbol to the left of the word "BENY" in a bold, red, sans-serif font.

3. Our EV Chargers

ECO-FRIENDLY EV CHARGER SOLUTION

Our EV charger supplies power to any electrical vehicle with its type 2 connector. The wall-mounted design as well as its **IP65** dust and waterproof housing makes the PV product suitable for outdoor or indoor spaces. The output of our EV charger ranges from 16amps to 32amps.

BENY Electric is a long-running EV charger and PV products manufacturer with more than **30 years** of experience. Our knowledge in manufacturing PV components ensures all of our EV chargers surpass your expectations in terms of service life and performance.

The robust build of our EV charger lets you satisfy various business goals while driving your brand. Contact us for a free consultation.

EV CHARGER FEATURES

1 Phase and 3 Phase connection

Each EV charger unit can be supplied from 1 phase or 3 phase outlet.

Adjustable output power

Our chargers have possibility to limit output power, depending on available power on point of installation.

Hardwired and wall mounted

Each EV charger unit connects to a power grid for a clutter-free aesthetic.

Type 2 (IEC 62196-2) plug

The type 2 plug is compatible with nearly every electrical car manufactured in the EU.

LED ring status indication

Each device shows the charging status of the vehicle with its attractive LED ring.

With emergency stop switch

In case of problems, an emergency switch can immediately shut down our EV charger.

Built-in Type B RCD for leakage protection

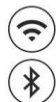
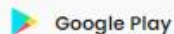
Each of our EV chargers protects everyone from the dangerous electrical ground.

Over Temperature Sensor

When our EV charger reaches dangerous temperatures, the over-temperature sensor shuts it down.

CONTROL YOUR CHARGER WITH Z-BOX APP

- ✓ Real-time monitoring
- ✓ Scheduled charging
- ✓ Multiple function settings



ZBENY



SMART APP

- The EV charger can be controlled by smart APP via WIFI or Bluetooth connection;
- One to one binding EV charger by reset the password, prevent the EV charger being stolen;
- View charging data and status;
- Set up various charging configurations, charging current, DLB mode, etc.
- Scheduled charging;
- Firmware update;

4. Specification

Electrical	
Charging capacity	1.3kW – 7.4kW / 11kW – 22kW
Charge mode	Mode 3 (IEC 61851-1)
Output power	Selectable 1-phase or 3-phase, 230-400V 16 A to 32 A, 50-60 Hz
Connector options	Fixed cable type 2 plug
Fixed cable length	6m (18 ft)
Cable Entry	Rear or bottom
Protection and certification	
Ground fault detection	Patent Design 0.3mA AC
Build-in RCD	Type B RCD
Enclosure ratings	IP65
Housing fire ratings	V0
Operating temperature	-25 – +55
Compliance	IEC61851-1, IEC61851-21-2, IEC61000-4 CE EMC EU/2014 CE Low Voltage EU/2014/35
Certificate	CE
Connectivity	
Authorization	Auto-start standard / RFID card
Status indication	LED ring
Charging protocol	OCPP 1.6J option
WLAN communication	Wi-Fi / Bluetooth 4.2
Mechanical	
Housing	Polycarbonate
Dimension	W169 x H380 x D151 mm
Weight	With 6m Cable: 6.2KG With Socket: 3.5KG
Mounting	Wall or Pole

5. Price list



IP 65 protection for indoor and outdoor use
Smart APP



Type 2 (IEC 62196-2) plug with cable



Plug and start to charge automatic or RFID
card for autorisation



The EV charger output power can be
adjusted from 6A all the way up to 32A.

Full electrical protection already implemented.

5 years warranty period

Prices in EURO (VAT not included)

EV charger type BCP-AT2S-L	980,00
Installation (mounting on prepared wall or stand with 3m cable to the outlet), testing and training included in price	100,00
Metal Stand	190,00
Additional power supply cable	12/m