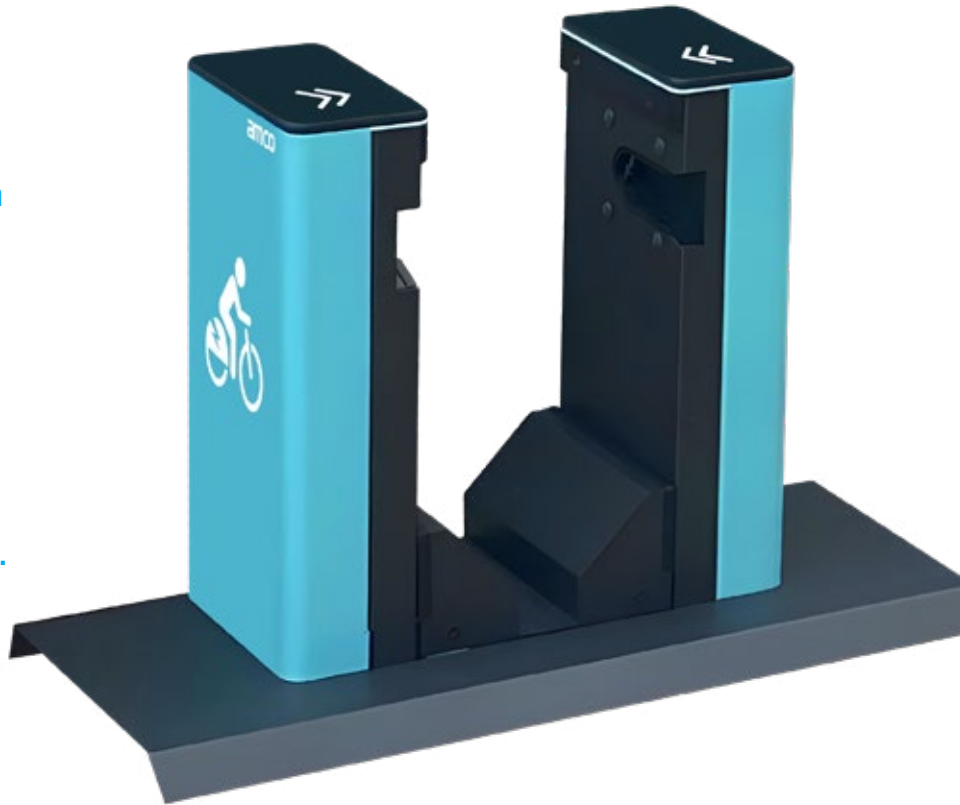


# BD-360

## Charging & Locking Dock

The BD-360 electric bike dock is a bike-agnostic charging, locking & docking system for electric bikes. The innovative locking mechanism, designed by AMCO, locks and holds the e-bike in charging state. Immediately after the locking, the e-bike battery charging starts. Each station includes one controller and multiple docks. The docks can be combined according to location layout and conditions.



## Key Features

- The BD-360 electric bike dock is a bike-agnostic charging, locking & docking system for electric bikes.
- The innovative locking mechanism, designed by AMCO, locks and holds the e-bike in charging state.
- Immediately after the locking, the e-bike battery charging starts.
- Each station includes one controller and multiple docks.
- The docks can be combined according to location layout and conditions.
- IP67/NEMA housing and connectors. Includes fusebox with 16A fuse and ELCB for general public safety.

BD-360  
Charging  
& Locking Dock

**amco**

Inspired  
Technologies

# TECHNICAL SPECIFICATIONS

## Materials

2mm thickness, galvanized steel with coating.

## Power Source

Between 85V - 240V AC 50-60Hz Electrical power grid.

## Charging

Non-inductive, using BMS.

## Charging Current

42V 4A DC Power Supply.

## Mechanical Strength

Minimum 15000 cycles lock/unlock. 6 KN pulling force, enforcing peak power.

## Operating Temperature

-20oC up to +60oC.

## Coating

Polypropylene coating (+10 years corrosion protection warranty.)

## CONNECTIVITY

- 4G/LTE connectivity, M2M GSM Micro SIM Card Slot
- Quad-band: 850/900/1800/1900MHz
- MQTT communication protocol with AES-128 encryption
- Firmware Over The Air update

## INSTALLATION

- Please use always convenient tools and methods for the installation. Installation guide will be provided.
- All Modules must be installed to ground with four anchors/bolts.
- M10 wedge anchor or C-type hammer drive anchor can be used smoothly for concrete surfaces.
- For ideal anchor attachment to asphalt, epoxy reinforcement resin and asphalt anchors can be used.
- Delivery packaging standard is Euro pallet packaging ® plastic shrink wrap