

Bendy Bedale Bollard



A damage resistant EV Charging bollard, designed to blend in with UK street furniture.

Installation & Warranty

- Simple Installation - Slide into Retention unit
- Multi Unit Load-Balancing
Ideal for Scaling Infrastructure
- 3 year Warranty

Features

- Damage Resistant Product
- Designed to blend in with UK street furniture
- Improved accessibility
- Multiple Connector options:
Type 2
Commando socket
- Power Ratings: 7kW and 22kW options available
- Customisable options available on request

MODEL ORDER CODE	
BBB001	Bendy Bedale Bollard - 7kW - Single Socket (Type 2)
BBB002	Bendy Bedale Bollard - 22kW - Single Socket (Type 2)
BBB003	Bendy Bedale Bollard - 7kW - Twin Socket (Type 2)
BBB004	Bendy Bedale Bollard - 22kW - Twin Socket (Type 2)
BBB005	Dual Purpose - 7kW - 1x Type 2, 1x Commando Socket
BBB006	Dual Purpose - 7kW - 2x Type 2, 1x Commando Socket

MECHANICAL DATA	
Dimensions (H x W x D)	1425 x 220 x 220
Unit Weight	17.9kg
Ambient Temperature	-20C to +55C
Protection	IP54
Enclosure	IP66
Impact Protection	IK10
Thermal Protection	Twin measurement sensors, software configurable cut-out
Humidity	5% to 95%

ELECTRICAL DATA	
Rated Power	7.2kW - 22kW
Charging Current	32A per phase
Rated Current	up to 32A max per phase
Input Voltage (Single Phase)	230V AC/50hz
Input Voltage (3 phase)	230V AC/50hz
AC Overload Protection	Single 1x 40A, twin 2x 40A
AC Overload & Fault Current Protection	30mA
DC Fault Protection	6mA
Charging Mode	Mode 3 (IEC 61851-1) Fast Charging
Socket	Type 2 (IEC 62196) charging socket 7.2kW 32amp, Commando (IEC 60309) charging socket, Type 2 (IEC 62196) charging socket 3 phase 22kW 32amp per phase

SOFTWARE	
OCCP	1.6 and 2.01
Communications	Bluetooth, LORA, Wifi,
Firmware	Remote Updates
Back Office Features	Load-Balancing, Revenue Collection, Charging Dashboard

OPTIONS
Custom Socket arrangement on request, custom external design on request, alternate paint colours

COMPLIANCE	
EV Charging Compliance	EN 61851-1:2019, BS EN 61851 Mode 3 Charging, BS EN 62196-1:2014, BS EN62196-2:2017
Wiring Regulations	BS 7671+A1:2020
Safety Compliance	LVD 2014/35/EU, SI 2016/1101, ECD 2014/30/EU, SI 2016/1091, BS EN IEC 62311:2020
Environmental Protection	BS EN 61851-1:2019, Enclosure IP66, Socket IP54 (BS EN 60529:1992+A2:2013)
Impact Rating	IK10 (BS EN 62262:2002+A1:2021)
Suitable for Installation & Earthing standards	BS 7671, BS 7430, BS 8300-1:2018, BS 8300-2:2018
EMC Compliance	BS EN IEC 61000-3-2:2019+A1:2021, BS EN 61000-3-3:2013+A2:2021
Spectrum/Telecom	EN 301 511 V12.5.1, EN 300 330 V2.1.1
RED	2014/53/EU, SI 2017:1206