

URBAN 10

Outdoor charging posts



Description

CIRCUTOR has designed a new range of outdoor charging posts with a new aesthetic design that combines an attractive appearance with safe, reliable and robust construction. Outdoor posts have to be capable of withstanding a wide range of environmental conditions and possible acts of vandalism, while simplifying the installation and maintenance processes for operators. The URBAN posts reduce installation time and simplify operations and maintenance tasks.

URBAN devices facilitate charging tasks for all kinds of EV users, incorporating all the electrical protections necessary to guarantee safety inside an aluminium metal body. They come with Type-2, mode-3 single-phase or three-phase sockets, depending on the configuration chosen. The URBAN 10 is designed for locations where simple Plug & Charge operations are required.

Applications

URBAN charging posts are especially suited for all types of outdoor parking areas for use to park and charge electric vehicles. Its applications range from public roads and squares, to outdoor car parks at department stores, airport terminals, vehicle sales and rental companies, company employee car parks, etc.

Technical specifications

Connection	Connector type	Type II (as per IEC 62196-2) or Schuko
	Type of charge	Charge in Mode 3 (as per IEC 61851-1)
Electrical specifications	Input voltage	230 VAC / 400 VAC
	Tolerance	± 10%
	Input frequency	50... 60 Hz
	Output voltage	230 VAC / 400 VAC
	Maximum output current	32 A depending on type
	Output power range	7.4 / 22 kW
Electrical safeguards	Residual current protection	RCD Type A (30 mA) RCD Type A (30 mA) with automatic reclosure* RCD Type B *
	Thermal-magnetic protection	MCB (curve C)
Interface	Indicating light	RGB charge status display
Construction specifications	Enclosure	Aluminium and ABS plastic
	Dimensions	450 mm x 290 mm x 1263.50 mm
	Weight	50 kg
	Mechanical protection rating	IK 10
	Protection rating	IP 54
	Attachment	Ground attachment with 4 bolts
Safety	Category III - 300 VAC (EN 61010) Electric shock protection via class-II dual insulation	
Standards	EN 61851-1 : 2001 part 1, IEC 61000, IEC 60364-4-41, IEC 61008-1, IEC 60884-1, IEC 60529, IEC 61010, UNE-EN55011	

URBAN 10

Outdoor charging posts

References

Type	Code	No. of connectors	Connector type	Power Supply	Electrical specifications
URBAN M11	V10610.	1	Type II	Single-phase	230 VAC, 32 A, 7.2 kW
URBAN T11	V10611.	1	Type II	Three-phase	400 VAC, 32 A, 22 kW
URBAN M12	V10612.	2	Type II, Type II	Single-phase Single-phase	230 VAC, 32 A, 7.2 kW 230 VAC, 32 A, 7.2 kW
URBAN T12	V10613.	2	Type II, Type II	Three-phase Three-phase	400 VAC, 32 A, 22 kW 400 VAC, 32 A, 22 kW

Dimensions

