

URBAN- Master/Slave



Outdoor charging posts with Master-Slave system

Description

The **URBAN MASTER-SLAVE** devices have been designed to minimise the initial investment and maintenance costs when several chargers are required. This solution consists of a combination of a **Master** charger that controls a set of **Slave** chargers.

The system as a whole works as if all the chargers were smart, either by connecting the Master to a manager via OCPP or independently by setting up a white list of users for the group. A maximum power limit for the whole group can also be specified, thus saving on the installation and power costs.

Applications

Designed for private facilities such as businesses or residential developments with a single administrator, but it also offers an appealing solution for public facilities such as shopping centres, car parks, airports and more.

Technical specifications

		Master	Slave
AC power supply	Nominal voltage	230 V ± 10% (single-phase)/400 V ± 10% (three-phase)	
	Type of network	1P+N+PE (single-phase) / 3P+N+PE (three-phase)	
	Frequency	50 / 60 Hz	
	Input current	64 A	
Electrical characteristics	Maximum output power (kW)	7.4 kW (single-phase)/22 kW (three-phase)	
	Max. output current (A)	32 A	
	No. of sockets	2	
	Charging mode	Mode 3	
	Cable: Connector type	Type 2 / Type 1 / Type 2 base, depending on model	
Surge protection (DSP)	Transient surge protector IEC 61643-1 (Class II)(1)		
Communications	Fieldbus	Ethernet	
	Protocol	XML, OCPP 1.5 / 1.6	XML
	Technology	4G	-
	Speed	10/100BASE TX (TCP/IP)	
Environmental characteristics	Relative humidity (without condensation)	5 to 95%	
	Storage temperature	-20 to 60°C	
	Operating temperature	-10 to 55°C	
	Protection rating	IP 54 / IK 10	
Mechanical characteristics	Dimensions	450 x 1550 x 290 mm	
	Weight	55 kg	
	Enclosure	Aluminium and ABS plastic	
	Attachment	Ground attachment with 4 bolts	
	Noise	< 55 dBA	
User interface	RFID (Radio-Frequency Identification)	ISO 14443 A	
	LED	Yes	
	Visible display area size	8"	-
	Display type	Anti-vandalism TFT touch screen	-
	Features / performance	Reactive energy measurement	Meter (MID Class 1 EN 50470-3) Built-in meter
	Heating and cooling unit	-30 to +45 °C (Optional)	
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, ISO 14443A		

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Referencias

Type	Code	# of sockets	Output	Connector type	Network type	Residual current protection	Charging mode	Communications
URBAN MASTER								
URBAN MASTER M2	[C] V10632.	2	230 VAC - 32 A - 7.4 kW	Type 2 base	Single-phase	RCD Type A (30 mA)	3	Ethernet
URBAN MASTER T2	[C] V10633.	2	400 VAC - 32 A - 22 kW	Type 2 base	Three-phase	RCD Type A (30 mA)	3	Ethernet
URBAN MASTER M2-C1	[C] V10635.	2	230 VAC - 32 A - 7.4 kW	Type 1 cable	Single-phase	RCD Type A (30 mA)	3	Ethernet
URBAN MASTER T2-C2	[C] V10636.	2	400 VAC - 32 A - 22 kW	Type 2 cable	Three-phase	RCD Type A (30 mA)	3	Ethernet
URBAN SLAVE								
URBAN SLAVE M2	[C] V10642.	2	230 VAC - 32 A - 7.4 kW	Type 2 base	Single-phase	RCD Type A (30 mA)	3	Ethernet
URBAN SLAVE T2	[C] V10643.	2	400 VAC - 32 A - 22 kW	Type 2 base	Three-phase	RCD Type A (30 mA)	3	Ethernet
URBAN SLAVE M2-C1	[C] V10645.	2	230 VAC - 32 A - 7.4 kW	Type 1 cable	Single-phase	RCD Type A (30 mA)	3	Ethernet
URBAN SLAVE T2-C2	[C] V10646.	2	400 VAC - 32 A - 22 kW	Type 2 cable	Three-phase	RCD Type A (30 mA)	3	Ethernet

System with up to 6 SLAVE devices per MASTER (up to 9 SLAVE devices optional), P

Dimensiones

