ePark T-S2

ePark T-S2, Car park boxes

Code: V2744000000C2

> Communications: Ethernet
> Output type: 400 Vca - 32 A - 22 kW
> Connector type: Type 2 socket
> Grid type: Three-phase
> Charge mode: 3
> No. Sockets: 1

Description

With a modern and minimalist design, the **ePark** range is the best smart charging option for multi-user car parks in residential blocks, work places and car parks. This range has several dual-charger models that allow simultaneous charging of two vehicles with both single-phase and three-phase lines, making it the ideal solution for installing charging stations in multi-user car parks and adapting the facilities to the new needs of electric cars.

The minimalist interface, consisting of a display and LEDs to indicate the charging status, provides an intuitive and friendly user experience. This range is compatible with our dynamic power management system (DLM) to regulate the charge without exceeding the contracted power. The device also has an OCPP communications protocol for easy integration with management platforms.

Application

The **ePark** range is designed to manage multiple users in covered car parks who need to recharge their electric vehicles, such as parking areas in residential blocks or condominiums, work places and public car parks.

ePark T-S2

Electric vehicle charging device

Code: V2744000000C2

Specifications

AC power supply

Input intensity	32A
Frequency	50 / 60 Hz
Type of network	3Ph + N + GND
Nominal voltage	400 V ~ (± 10%)

Electrical characteristics

Cable: Connector type	Base Type 2
Max. output intensity (A)	32
Charging mode	Mode 3
No. of charges	1
Max. output power (kW)	22kW
Voltage	400 V ~ (± 10%)

Mechanical characteristics

Size (mm) width x height x depth	335 x 315 x 179.7 (mm)
Envelope	Plastic ABS / PC
Fastening	Vertical, 3 points for wall mounting
Weight (kg)	3

Environmental characteristics

Protection class	IP 54 / IK10
Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-20 ... +60 °C
Working temperature	-5 ... +45 °C

Communication Network

Protocol	OCPP 1.5 /1.6J
Technology / Type	Ethernet 10/100 Base TX (TCP/IP)

User interface

RFID (Radio-Frequency Identification)	ISO 14443 A/B NFC 13,56 MHz
LED	RGB color charge indicator
Display type	Multi-language LCD
Visible display area size	4"

Standards

Standards	IEC 61851-1, IEC 61851-22, IEC 62196-1, IEC62196-2, 2014/35/UE, LVD;2014/30/UE, EMC, ISO 14443A/B

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Features / performance

Heating and air conditioning unit	-30 ... +45 °C (Opcional)
Energy measurement	MID counter (Class 1 EN 50470-3)

Output 1

Maximum current	32 A
Maximum power	22 kW
Voltage range	400 Vca
Connector type	Type 2 socket
Network type	Three-phase (AC)

ePark

Intelligent chargin boxes

CODE	TYPE	No. Sockets	Output type	Connector type	Grid type	Charge mode	Communications	Earth leakage protection
V27240.	ePark M-S2	1	230 Vac- 32 A - 7,4 kW	Type 2 socket	Single-phase	3	Ethernet	
V27220.	ePark M-C2	1	230 Vac- 32 A - 7,4 kW	Type 2 cable	Single-phase	3	Ethernet	
V27222.	ePark M-2C2	2	230 Vac- 32 A - 7,4 kW	Type 2 cable	Single-phase	3	Ethernet	
V27244.	ePark M-2S2	2	230 Vac- 32 A - 7,4 kW	Type 2 socket	Single-phase	3	Ethernet	
V27344.	ePark T-2S2 Gen3	2	400 Vac - 32 A - 22 kW	Type 2 socket	Three-phase	3	Ethernet | WiFi	6 mA dc
V27420.	ePark T-C2	1	400 Vac - 32 A - 22 kW	Type 2 cable	Three-phase	3	Ethernet	
V27322.	ePark T-2C2 Gen3	2	400 Vac - 32 A - 22 kW	Type 2 cable	Three-phase	3	Ethernet | WiFi	6 mA dc
V2744000000C2	ePark T-S2	1	400 Vac - 32 A - 22 kW	Type 2 socket	Three-phase	3	Ethernet	
V2742000000C2	ePark T-C2	1	400 Vac - 32 A - 22 kW	Type 2 cable	Three-phase	3	Ethernet	

Integrated MID-certified energy measurement, RFID reader for authentication and charge activation - ISO 14443 A/B, data storage, Ethernet communications, 4G communications (optional), OCPP 1.6 communications protocol, weight: 4 kg, ABS/PC - IP54 - IK10 casing, dimensions 200x335x315 mm. 5-m cable length, cable holder included (depending on model).

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Electric vehicle charging device

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Dimensions