# ePark T-S2 Gen4

ePark T-S2 Gen4, Car park boxes

Code: V27640.

> Communications: Ethernet | WiFi
> Output type: 400 Vac - 32 A - 22 kW
> Connector type: Type 2 socket
> Grid type: Three-phase
> Charge mode: 3
> No. Sockets: 1
> Earth leakage protection: 6 mA CC

## 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.



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# ePark T-S2 Gen4

Electric vehicle charging device

Code: V27640.

## Specifications

### AC power supply

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

### Electrical characteristics

| | |
|---|---|
| Charging mode | Mode 3 (IEC 61851-1) |
| No. of charges | 1 |
| Voltage | 400 V ~ (± 10 %) |

### Mechanical characteristics

| | |
|---|---|
| Size (mm) width x height x depth | 335 x 315 x 179.7 (mm) |
| Envelope | PC + GF 10% |
| Fastening | Wall fixing with 3 screws |
| Weight (kg) | 3 |

### Environmental characteristics

| | |
|---|---|
| Protection class | IP 54 / IK 10 |
| Relative humidity (without condensation) | 5 ... 95 % |
| Storage temperature | -20 ... +60 °C |
| Working temperature | -5 ... +50 °C |

### Communication Network

| | |
|---|---|
| Protocol | OCPP 1.6J / 2.0 HW Ready |
| Technology / Interface | Ethernet 10/100 Base TX (TCP/IP) |

### User interface

| | |
|---|---|
| RFID (Radio-Frequency Identification) | ISO / IEC 14443 A/B / MIFARE Classic / DESFire EV1 / ISO 18092 / ECMA - 340 |
| LED | RGB colour charge indicator |
| Display type | 3.5" screen |

### Standards

| | |
|---|---|
| Standards | IEC 61851-1:2017; IEC 61851-21-2:2018; IEC 62196-1; IEC 62196-2; Directives: 2014/53/EU, 2014/30/EU, 2014/35/EU; RoHS 2011/65/EU compliant; 4G Modem complies with CE/RED |

### Features / performance

| | |
|---|---|
| Energy measurement | MID Class B meter, EN 50470-3 |

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| | |
|---|---|
| Optional | • 4G / GPRS Modem<br>• Low temperature kit (-30 °C) |

## Protection

| | |
|---|---|
| Element | Built-in residual current protection 6 mA DC per socket. |

## Output 1

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

## Wireless communication

| | |
|---|---|
| Band | 2,4 GHz |
| Technology / Type | Wi-FI |

**ePark**
Intelligent charging boxes

| CODE | TYPE | Output type | No. Sockets | Connector type | Grid type | Communications | Earth leakage protection | Charge mode |
|---|---|---|---|---|---|---|---|---|
| V27540. | ePark M-S2 Gen4 | 230 Vac- 32 A - 7,4 kW | 1 | Type 2 socket | Single-phase | Ethernet \| WiFi | 6 mA CC | 3 |
| V27520. | ePark M-C2 Gen4 | 230 Vac- 32 A - 7,4 kW | 1 | Type 2 cable | Single-phase | Ethernet \| WiFi | 6 mA CC | 3 |
| V27640. | ePark T-S2 Gen4 | 400 Vac - 32 A - 22 kW | 1 | Type 2 socket | Three-phase | Ethernet \| WiFi | 6 mA CC | 3 |
| V27620. | ePark T-C2 Gen4 | 400 Vac - 32 A - 22 kW | 1 | Type 2 cable | Three-phase | Ethernet \| WiFi | 6 mA CC | |
| V27544. | ePark M-2S2 Gen4 | 230 Vac- 32 A - 7,4 kW | 2 | Type 2 socket | Single-phase | Ethernet \| WiFi | 6 mA CC | |
| V27522. | ePark M-2C2 Gen4 | 230 Vac- 32 A - 7,4 kW | 2 | Type 2 cable | Single-phase | Ethernet \| WiFi | 6 mA CC | 3 |
| V27644. | ePark T-2S2 Gen4 | 400 Vac - 32 A - 22 kW | 2 | Type 2 cable | Three-phase | Ethernet \| WiFi | 6 mA CC | 3 |
| V27622. | ePark T-2C2 Gen4 | 400 Vac - 32 A - 22 kW | 2 | Type 2 cable | Three-phase | Ethernet \| WiFi | 6 mA CC | 3 |

Integrated MID-certified energy measurement, RFID reader for authentication and charge activation - ISO 14443 A/B, data storage, Ethernet communications, 4G communications (optional), OCPP 1.6J / 2.0.1 HW communications protocol, PC + GF 10% - IP54 - IK10 casing. 5-m cable length, cable holder included (depending on model). Approx weight: 4 kg, dimensions: 335x315x180 mm

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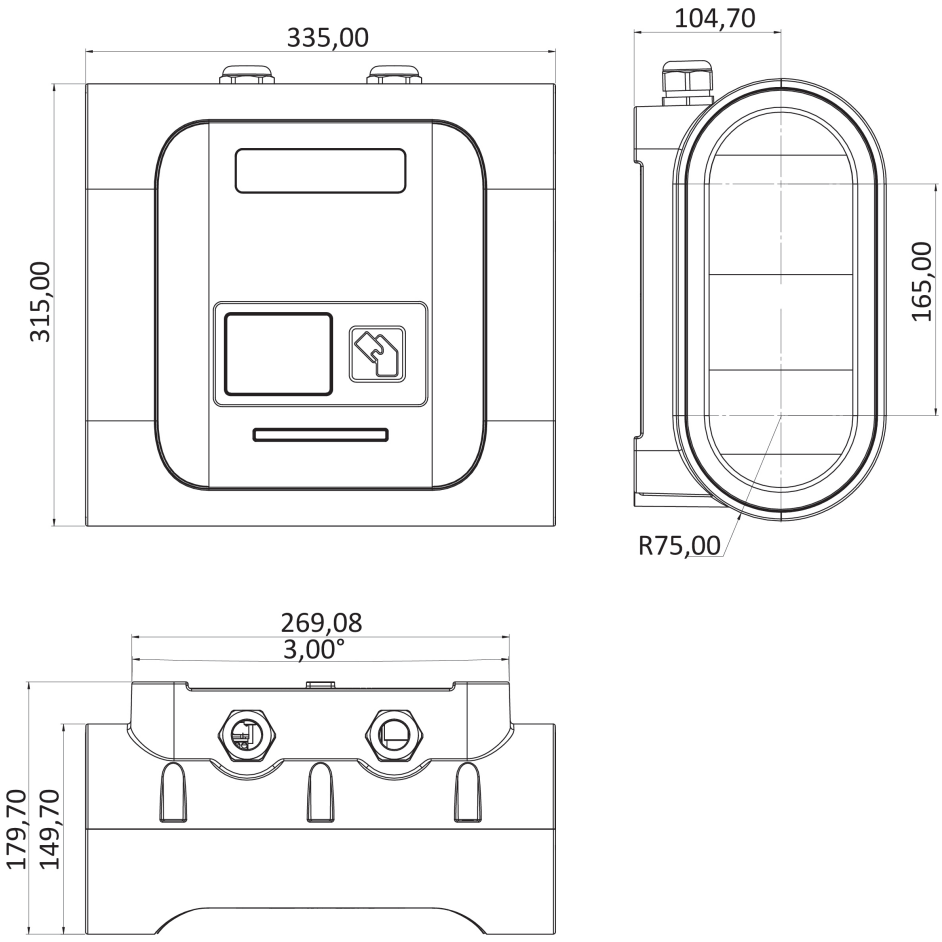
## Dimensions



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