

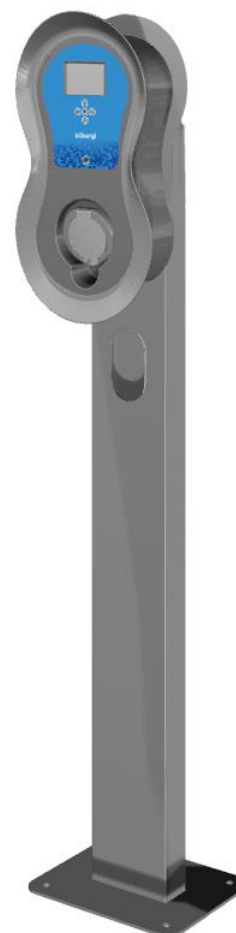
# infinergi

keep charged

## Technical specifications

### General features

Mounting	Indoor and outdoor wall or floor with pedestal (optional)
Charging modes	Mode 3 (as specified in IEC 61851-1 standard)
Type of connection	With built-in cable (tethered, case C) or with charging socket (untethered, case B)
Vehicle connection type	Type 2 (IEC 62196 standard): 5m cable and plug (tethered versions) or socket with locking system (untethered versions)
Display	3.5" color LCD (optional) with navigation keys
Buttons	Up to five (depending on the device version)
LED	Multicolor on front panel ("infinergi" logo backlighting)
Protections	Protection against DC leakage currents $\geq 6\text{mA}$ Overvoltage protection category III (4KV) Overcurrent protection Protection against earth fault (TN/TT systems) Overtemperature protection Hardware failure protection
Protection class	Class I
Compliance	CE certification IEC 61851-1 IEC 61439-7 IEC 62196 IEC 62955 Designed following EV-ready 1.4G
European Directives	2014/30/EU (EMC) 2014/35/EU (LVD) 2014/53/EU (RED) 2011/65/EU (RoHS)
Warranty	2 years



### Electrical specifications

Maximum output power	7 kW (single-phase) / 22 kW (three-phase)
Supply voltage	230V AC (single-phase) / 400V AC (three-phase) $\pm 10\%$
Network frequency	50Hz
Maximum charging current	32A per phase
Standby consumption	Minimum approx. 2W Maximum approx. 3.6W (depending on equipment and device settings)
Earthing systems	TT / TN-C / TN-S / TN-CS / IT
Connectivity	WiFi 802.11 b/g/n 2.4GHz Bluetooth 4.2 and BLE GPRS with internal SIM slot (optional) Ethernet 10/100Mbps (optional) RS485 Modbus RTU master serial interface (optional)
Current sensor	Up to three wired proprietary CTs for dynamic power management (optional)

## Mechanical specifications

Dimensions	Without pedestal: 270 (W) x 495 (H) x 150 (D) With single pedestal: 300 (W) x 1461 (H) x 307 (D)
Degree of protection	IP66
Degree of impact resistance	IK08
Material	Case: PC, RAL 9006 Front panel: PC, RAL 7035 Cover: PC, RAL 7016 (standard) / RAL 9006 - RAL 9010 (optional) Pedestal (option): galvanized and painted steel, RAL 9005
Weight	Infinergi single-phase tethered (case C): 5 kg Infinergi three-phase tethered (case C): 6 kg Infinergi single-phase untethered cable (case B): 4 kg Infinergi three-phase untethered (case B): 4 kg Pedestal: 15kg
Operating temperature	From -25°C to +40°C (no power limitation)

## Functional features

### User interface:

- LCD color display 3.5" (option), 1 or 5 navigation buttons and RGB state signalling LED
- Remote control and monitoring with smartphone application
- Historical data logging

### Integrated functions:

- Charging mode programming
- Delivered power monitoring
- Ready for electrical system monitoring and dynamic load management (DLM) (requires optional device)
- RS485 serial interface for Modbus MID meter
- Ready for green electrical systems installation integration and configurable energy saving profiles (requires optional device)

### Optional functions:

- RFID reader and OCPP support
- GPRS connectivity + RS485 for cluster mode
- Ethernet connectivity + RS485 for cluster mode

## Configuration scheme

Model	Cable	Power	Features and options
Infinergi single-phase	5m integrated cable	7kW max (32A)	<ul style="list-style-type: none"> <li>• Wireless connectivity and remote management</li> <li>• Configurable charging profiles</li> <li>• Ready for DLM and green energy management                             <ul style="list-style-type: none"> <li>○ 3.5" color LCD display and navigation buttons</li> <li>○ Wired CTs (max 3 per unit)</li> <li>○ Modbus MID meter</li> <li>○ Internal GPRS + RS485 module</li> <li>○ Internal Ethernet + RS485 module</li> <li>○ RFID reader</li> <li>○ Pedestal for floor mounting</li> </ul> </li> </ul>
	Socket for external cable		
Infinergi three-phase	5m integrated cable	22kW max (32A per phase)	
	Socket for external cable		

• = integrated ○ = optional

# INFINERGI-3T-(DR)

