

- ✓ 7kW (single phase) / 22kW (three phase)
- ✓ Wall and floor mounting options
- ✓ Ideal for private charging (garage) & workplace charging (parking lots)
- ✓ Plug & Play Ease of Use



Interstellar - 7kW/22kW AC Charger

The Sinexcel Interstellar is an intelligent, flexible AC charger which features an attractive, compact design with a maximum output of 7kW (single phase) for residential use and a version with maximum output of 22kW (three-phase) for commercial use. Providing an enjoyable and easy user experience, it is the premium choice for home, work, garages, parking lots, fleets and commercial applications.

Features

- 7kW and 22kW options give great charging flexibility.
- Available in wall-mounting or floor-mounting (pedestal) configurations.
- IMD technology results in a scratch & corrosion resistant case with longer service life.
- Colour-coded charging status.
- SMART functionality for optimum charging & DLM capability.
- High quality touch-screen option.
- Intelligent cable management system.
- IP65 rated dust-proof and water-proof technology.

Benefits

- User friendly interface design.
- Type 2 connector is compatible with all electric vehicles and plug-in hybrid vehicles.
- Plug & Charge, APP and RFID charging methods.
- Future proof flexibility with App & remote software updates.
- Multiple Connectivity Options – W-Fi, Bluetooth, 4G & Ethernet.
- Sinexcel App with industry leading functionality.
- Built-in protection from Short Circuits, Over/Under Voltages, Overcurrents, Backflow, Lightning, Earth Faults, Over/Under Frequencies & Flame/Fire.
- 3 year warranty (extendable).

Interstellar - 7kW/22kW AC Charger

An Electric Future, Together.

Australia is committing to a future with a de-carbonised grid and one of the most rapidly growing sectors is low emissions transport as the community adopts the use of electric vehicles (EV's). Fuseco is proud to be contributing to changing energy management demands by offering a range of class-leading EV chargers from Sinexcel.

Why Sinexcel?

To produce an EV Charger that has the necessary durability and reliability to be selected as the EV charger of choice for major infrastructure projects by some of the world's prominent engineering firms, you need to have some experience. Sinexcel have been manufacturing EV chargers for over 10 years with over 21,000 EV chargers and over 400,000 EV Charger Modules sold in over 50 countries.



Easy to Monitor & Control Via the App



Manage Charging Schedule

Schedule the charging of your EV at off-peak hours & save electricity costs.



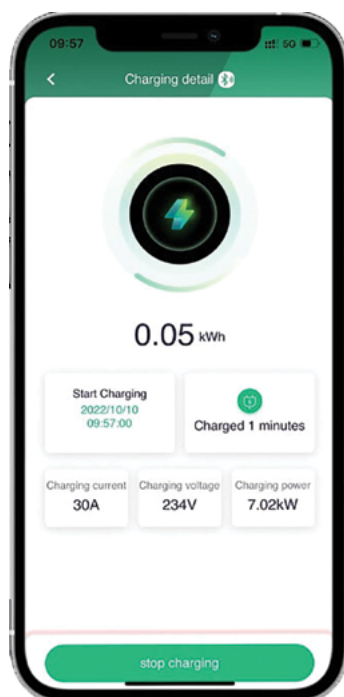
Authorisation Control

You can give authorisation to other people to use your EV Charger.



Charging Status

Monitor the charging activity in real-time and view the charging sessions and charging reports.



Parameters Setting

Set the network parameters and charging parameters to suit every charging situation.



Charging Modes

Select the mode to suit the requirement (eg. Plug & Charge, Remote Start/Stop, etc.)



Wireless Communication

If you have a Bluetooth connection, you can upgrade the EV charger configuration or firmware when required.

Interstellar - 7kW/22kW AC Charger

What is DLM?

Dynamic Load Management (DLM) is a smart energy management tool that ensures that the available power is evenly distributed to all the EVs being charged simultaneously and that charging performance does not exceed available network capacity. It considers electricity price, current time, building power consumption, EV charger power consumption, etc and defines the real-time power distribution strategy for all chargers connected, thus achieving an optimised charging process.

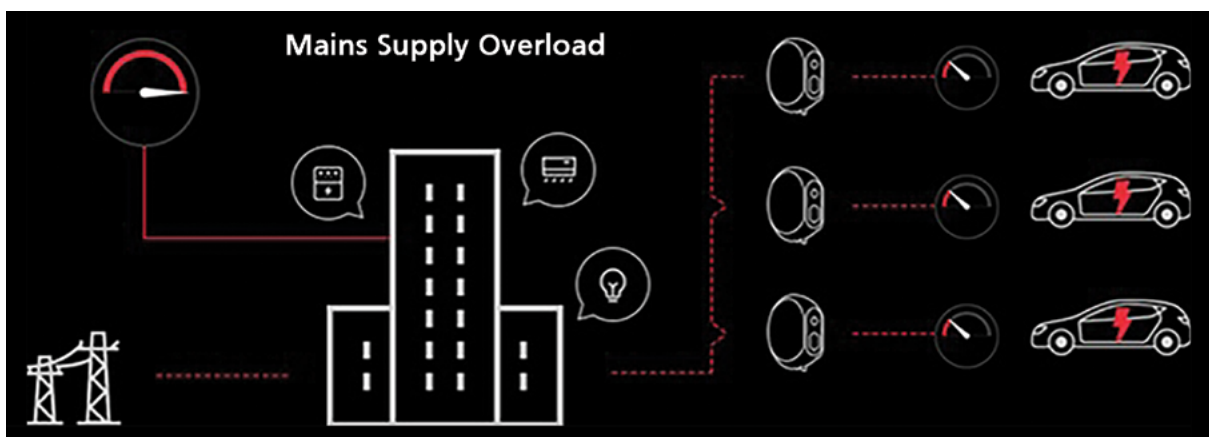
With DLM

- Optimised Charging
- Available power is managed efficiently



Without DLM

- No adjustment according to available power
- Mains supply is overloaded



Interstellar - 7kW/22kW AC Charger

Charging Power

7kW/ 11kW, 22kW three power rating configurations
Available in a type 2 connector

- **7kW**
Charge an electric vehicle up to 3 times faster than a standard socket
- **22kW**
8 times faster than a standard socket



Specifications

Type	Interstellar: Single Phase - Residential	Interstellar: Three Phase - Commercial
Rated Power	7kW	22kW
Applications	Residential	Commercial
Input / Output Voltage	Single-Phase 230V	Three-Phase 400V
Input / Output Current	32A	32A
Weight	5kg	7.5kg
Display Options	With / Without LED Display	With / Without LED Display
Dimensions (mm)	406mm(W) x 162mm(D) x 450mm(H)	406mm(W) x 162mm(D) x 450mm(H)
Frequency	50Hz	50Hz
Connector	IEC Type 2	IEC Type 2
Cable Length	3m (5m optional)	3m (5m optional)
Charging Status	LED	LED
Charging Mode	Plug and Charge	Plug and Charge
Metering	MID Meter (optional)	MID Meter (optional)
Installation	Floor-mounted / Wall-mounted	Floor-mounted / Wall-mounted
Communication Method	-	LAN / 4G / WiFi (Optional)
Communication Protocol	-	OCPP1.6 (Can be updated to 2.0)
Protection Rating	IP65/IK10	IP65/IK10
Operation Temperature	-30°C to 55°C	-30°C to 55°C
Operating Altitude	<2,000m	<2,000m
Relative Humidity	5% - 95%	5% - 95%
RCD	Type A+DC 6mA	Type A+DC 6mA
EMC	Class B	Class B
Certification	CE/TR25/TUV Mark/RCM	CE/TR25/TUV Mark/RCM
Colour - Front Panel	White / Silver / Black	White / Silver / Black
Colour - Back Panel	White / Silver / Black	White / Silver / Black