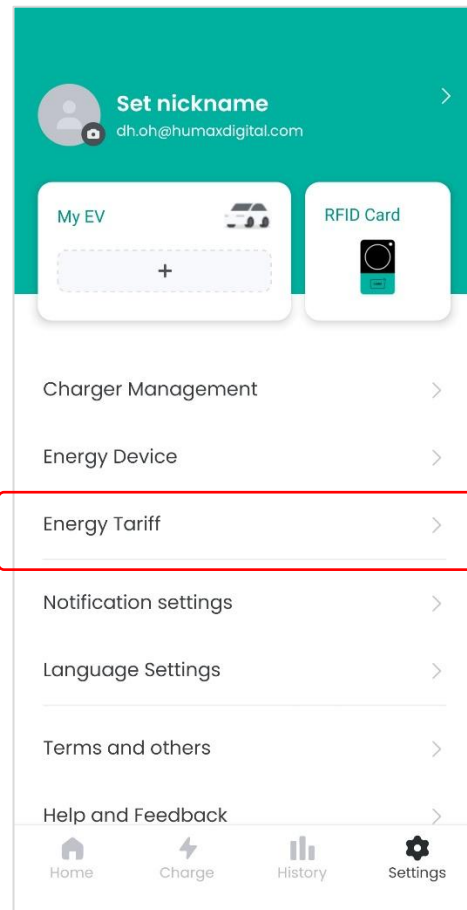# Humax Charge
App User Manual

Quick Links

1

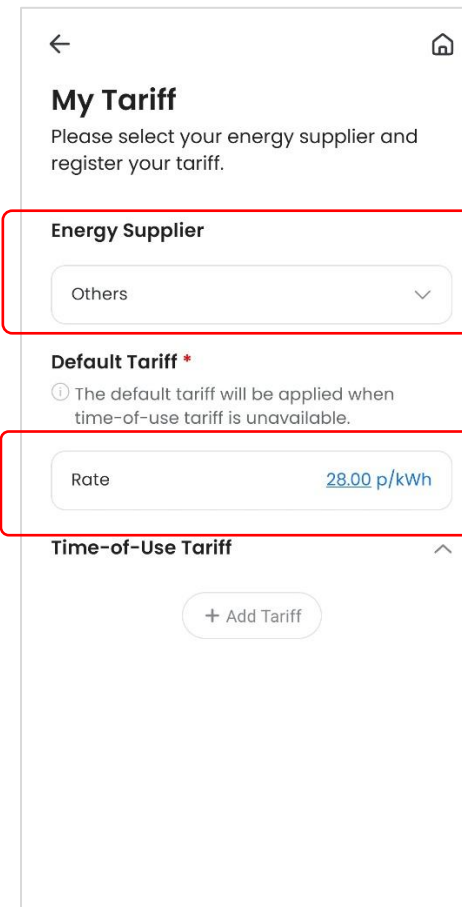## Setting the electricity tariff information

Configuring your energy tariff details enables more precise calculation of electricity usage during EV charging. You may enter time-based rates if these are included in your electricity tariff

1. Go to Settings and select Energy Tariff.

2. Set Default Tariff

Select Name of the energy provider.

Select the field to enter Basic rate.

1.1

Setting Time Based Rate

If your electricity tariff provides cheaper rate during specific time, add time-based tariff information.

Select "Add" and select Start and end time, and enter rate of your time-based rate.

i.e. 12:00am – 5:00am 10p/kWh

2

Registering Vehicles

Humax Charge can automatically identify connected vehicles when plugged in. Vehicle identification supports various app features. You may also choose to permit charging for registered vehicles only. Charging history will be recorded for each registered vehicle, allowing easier analysis of individual charging sessions and energy consumption.

* Requires EV identification to be enabled.
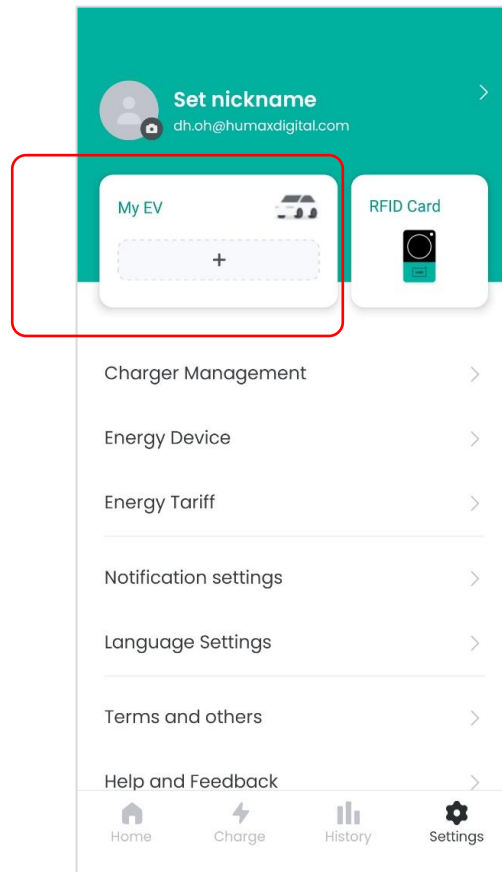
Go to Settings and tap 'My EV'
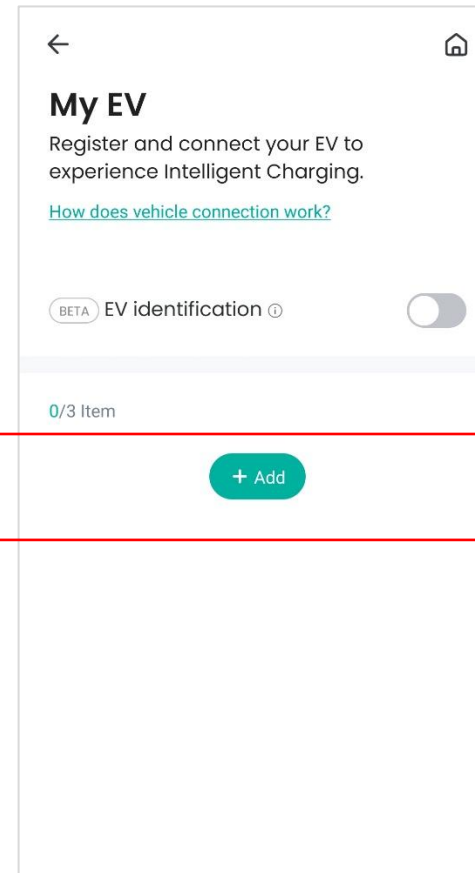
Click Add

If EV identification is enabled, connect your EV to the charger

EV identification (Beta)

Humax MX7 is equipped with PLC module that can communicate with car.
Enabling EV identification will allow to identify car when connected.

2 | Registering Vehicles

Connection Test

A test is required to confirm EV connection and availability of Intelligent Charging.

What is Intelligent Charging?

Please Confirm

🔌 Connect the EV to your home charger.

⚡ Set the charge limit higher than the current battery level.

⚙️ Disable any other devices controlling the vehicle's charging.

Connection Test

Add Manually

Tap 'Connection test' – If your car's ID is read successfully, it will move to the next step automatically.
•_Note_: If it does not proceed, you may need to disable EV identification.

•**Nickname** – Enter a display name for your EV (e.g., "Dad's car").

•**Car Registration** – Enter the registration number to auto-load brand, model, and battery size.
•_Note_: If the car details are not in the database, enter them manually.

•**After Registration** – Once the car is registered and EV identification is enabled, connecting the car will recognise it automatically.

Note:
Not all vehicles support EV identification. Consider disabling it if:
1. The car shows as 'Unknown' despite being registered.
2. 'Connection test' fails during registration.

3

Charging Modes

Humax Charge provides three types of charging modes

1. Instant Charging

Simply plug in your EV to the charger and it will instantly charge.

Charging Settings

Charge limit and speed settings, including Auto Solar Mode, apply to all sessions.

Auto Solar Mode ⓘ

Charging Speed   32A

Select charging mode ⓘ

✅ Instant

✅ Schedule   >

Today's Schedule   7h 20m

00   06   12   18   24

✅ Intelligent   >

ⓘ Intelligent Charging is coming soon.
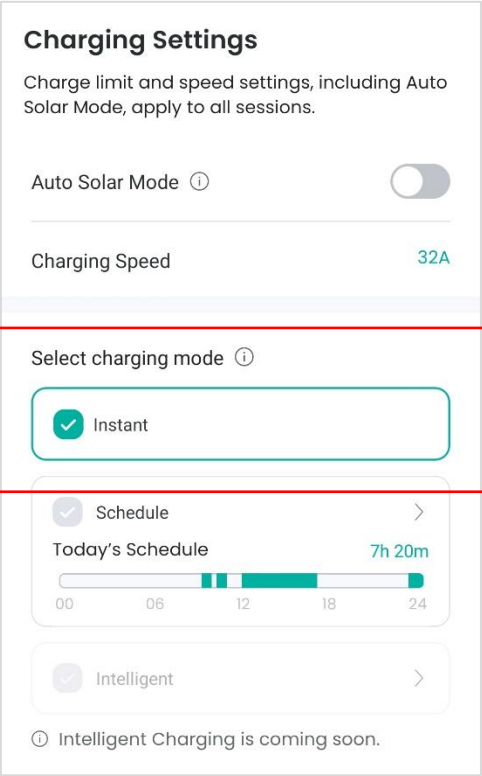
Select instant from charging modes

2. Scheduled Charging

Set schedules of your charging sessions and it will start when time reaches.

SETUP

Charging Settings

Charge limit and speed settings, including Auto Solar Mode, apply to all sessions.

Auto Solar Mode ⓘ

Charging Speed   32A

Select charging mode ⓘ

☑ Instant

☑ Schedule   >
Today's Schedule   7h 20m

00   06   12   18   24

☐ Intelligent   >

ⓘ Intelligent Charging is coming soon.

How to add schedule

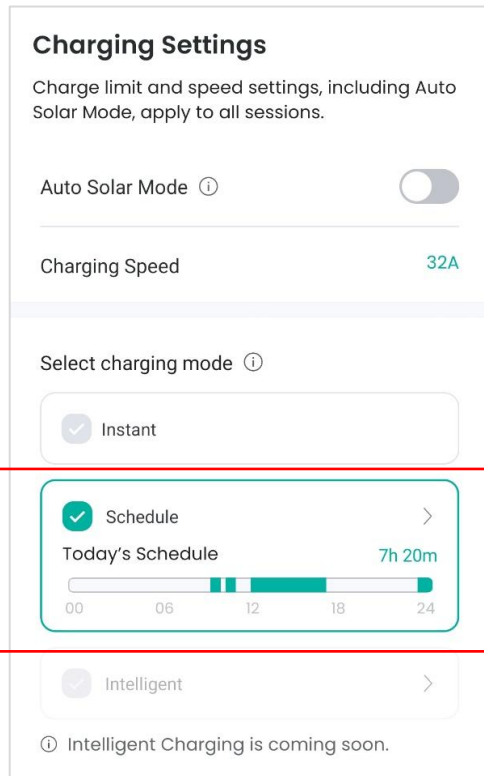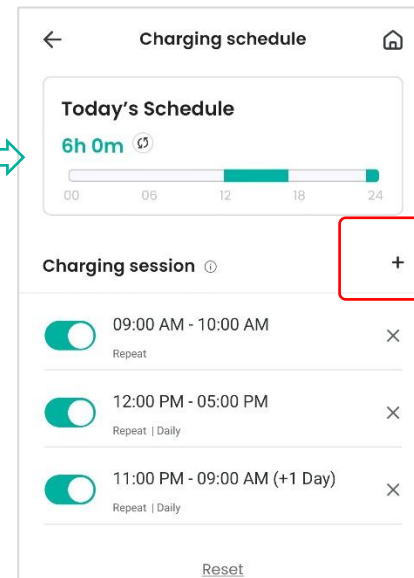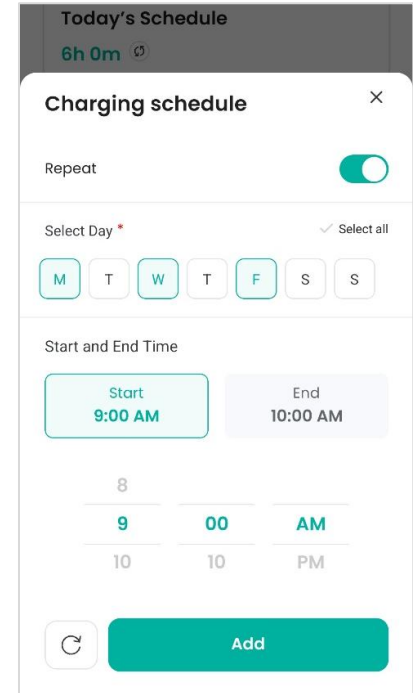Select 'Schedule' from Charging modes.

To set a schedule

Tap '>' next to Schedule in 'Charge' menu.

← Charging schedule ⌂

Today's Schedule
6h 0m ↻

00   06   12   18   24

Charging session ⓘ   +

09:00 AM - 10:00 AM
Repeat   ✕

12:00 PM - 05:00 PM
Repeat | Daily   ✕

11:00 PM - 09:00 AM (+1 Day)
Repeat | Daily   ✕

Reset

Tap + icon next to add Charging session

Today's Schedule
6h 0m ↻

Charging schedule   ✕

Repeat   ⬤

Select Day *   ✓ Select all

M   T   W   T   F   S   S

Start and End Time

Start   End
9:00 AM   10:00 AM

8
9   00   AM
10   10   PM

↻   **Add**

Repeat – Enable if you want the session to be repeated weekly

Select day – Select days of the week when you want the session to be scheduled. Tap 'Select all' if you want the session to be daily.

Start time / End time – Tap each area and scroll up and down to set start and end time of the schedule. It may not create new session If your set time duplicates with already enabled schedule sessions. Disable the duplicated schedules to add new.

* You will need at least one charging schedule to enable the 'Scheduled charging'

3

Charging Modes

3. Intelligent Charging

Intelligent Charging – Charge your EV for your desired amount at the most cost-effective time. Just plug in, and the app will select the charging duration based on cheaper electricity rates.

Set desired charging amount in % i.e. 50%

Set 'Ready by' time i.e. 6:00am

*Requires EV identification, car registration, and tariff information.

*Requires a time-based tariff with off-peak rates

4

Solar Mode

If you have solar panels at home, you can set to charge your car whenever there is surplus electricity from solar panel.

Charging Settings

Charge limit and speed settings, including Auto Solar Mode, apply to all sessions.

Auto Solar Mode ⓘ ⬭

Charging Speed   32A

Go to Charge and enable Solar.

Select correct monitoring device. Selecting incorrect device may cause charging session.

Select Device ✕

The charger may not function properly if the installed device is not your home energy monitor.

CT
Monitors current.

SmartMeter
Monitors power and current.

Confirm

Simply plug in the car, and charging will start automatically when solar surplus happens.

If solar surplus is happening whilst your car is not plugged in, the app will notify you to plug in.

You can also monitor charging status from main screen and history.

Solar charging will be shown as yellow in the History.

For Support Contact :

uk.support@humaxcharging.com

0344 318 8800