

## A-Core Container

# Morocco energy storage electric vehicle charging pile



## Overview

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Is EV charging free in Morocco?

It should be mentioned that, in Morocco, public EV charging is still free up to date. Consequently, all charging sessions performed in the studied period were free. Additionally, there were generally no constraints applicable on the charging duration, nor on the plug-in time (the charging station is available 24/24 all week and weekend days).

How many electric cars are there in Morocco?

By vehicle type, there are 160 electric cars, 50 utility EVs, 130 two- and three-wheelers, and 10 e-buses. Nevertheless, electric and hybrid vehicles account for less than 1% of the total number of registered vehicles . In 2022, more than 500 EV, 1200 PHEV and 14000 hydrid non-rechargeable vehicles were registered in Morocco . 4.1.2.

How many e-mobility chargers are there in Morocco?

AFRIMOIBILITY, a new CPO and player in the e-mobility sector in Morocco, has deployed on Moroccan highways and cities a charging network branded as FASTVOLT, composed of 22 fast chargers with a rated power of 50 kW for each, as well as 28 AC chargers. By the end of 2024, this CPO is planning to deploy about 220 chargers (80 DC, 140 AC).

Is EVSE available in Morocco?

By analyzing historical data of the most used public Electric Vehicle Supply Equipment (EVSE) in the capital of Morocco (Rabat city), the study's findings are supposed to reinforce data availability and visibility in Morocco regarding EV charging, as well as give insights for future charging infrastructure projects' planning.

How many charging stations will Morocco have in 2023?

In 2023, the intersectoral professional association for electric mobility (APIME)

has announced the deployment planning of 2500 new charging stations for electric vehicles in Morocco by 2026.

Are EVs available in Morocco?

In recent years, importers in Morocco have expanded their range of vehicles and now offer hybrid and full-electric vehicles, ranging from small city cars to large SUVs and luxury vehicles. Although EV offerings have expanded, sales are relatively low, accounting for only 2% of total vehicle sales in 2021 .

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