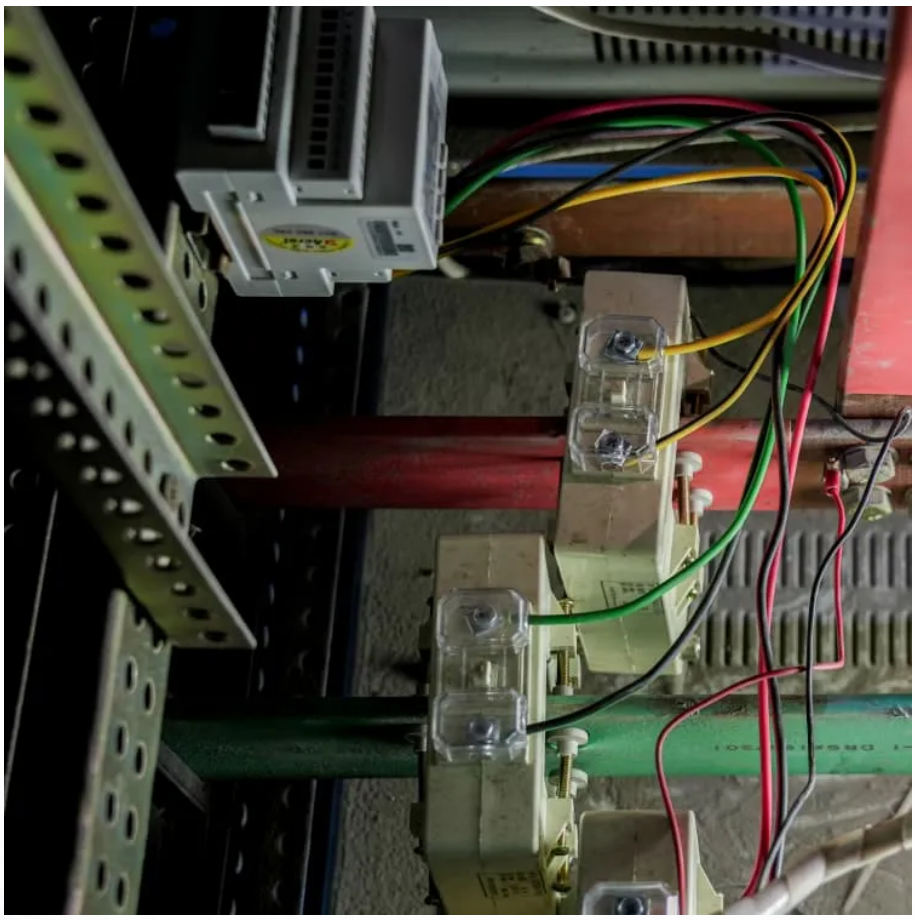
GOODS CONTAINERS

Tunis City Solar Container Fast Charging Protocol



Overview

Despite the economic and environmental motivations promoting the growth of the electric mobility market worldwide, the rate of electric vehicles (EVs) adoption in developing countries is still very low. In this cont.

Where should EV charging stations be located in Tunisia?

Nevertheless, one of the most important decisions for EV adoption is the planning of EV charging infrastructure. In this work, we address the real case of the centre of Tunis City, Tunisia, where potential charging stations could be located in parking and gas stations.

Can EVCs be deployed in the centre of Tunis?

Potential EVCS locations in the centre of Tunis are investigated. 5 ILP set covering based models are addressed. Optimal EVCS infrastructure deployment is found. Due to their reduced fossil fuel consumption and transportation-related emissions, Electric Vehicles (EV) are increasingly emerging.

Will infrastructure deployments help Tunisia decide on locating future EVCs?

We present a real case study on the city centre of Tunis, Tunisia. For this pioneer work, a site investigation was conducted to collect and prepare data. The proposed infrastructure deployments would help Tunisian authorities to decide on locating future EVCS. 1.3.

Is I V a reasonable expectation for EV users in Tunisia?

Thus, mi (i ∈ V) is fixed at 13 which represents a reasonable expectation for the emerging electric vehicle market in Tunisia, based on the work of Zhu et al. (2016). We assume that a coverage distance of 1 km seems practicable and appropriate for EV users.

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