Innovation Infrastructure
System & Service Design
Industrial Engineering

Project Duration 24/01/20-24/05/10

BOLT Z

Mobile Electric Vehicle Charging Infrustructure System

The electric vehicle (EV) industry is growing rapidly, driven by technological advancements, supportive policies, and environmental regulations. However, inadequate charging infrastructure can cause "range anxiety" among users, hindering market growth and clean energy adoption. Our project addresses this issue with a charging infrastructure system based on small, unmanned logistics vehicles, offering convenient charging services. Users can book doorstep charging through a mobile app, eliminating the need to search for charging stations and wait for charging. We also utilize Vehicle-to-Grid (V2G) technology to support grid stability, promoting the growth of the EV industry and clean energy use.

CHARGING
CONNECTING

BOLTZ

BOLT Z
WORKING

BOLTZ