



Papilio3

## Pop-up mini solar car park & EV charging hub

**Papilio3 is a pop-up mini solar car park and electric vehicle charging hub, developed by 3ti, to boost the roll out of EV charging infrastructure and help to decarbonise the transport sector.**

Papilio3 combines local mains power with solar panels, a battery and EV charge points, allowing businesses to deploy up to 12 fast charge points in one go. An ideal solution for workplace and destination car parks, including offices, retail outlets, travel hubs and leisure facilities.

Papilio3's smart charging and intelligent electrical load management system gives EV drivers reliable access to inexpensive, low carbon energy.

- ▶ 12 fast EV charge points at 7, 11, or 22kW
- ▶ 42 solar panels & local mains electricity
- ▶ Up to 250kWh of battery storage capacity
- ▶ Made using recycled shipping containers
- ▶ Designed & manufactured in the UK
- ▶ Deployed & commissioned within 24 hours
- ▶ Minimal ground works
- ▶ No planning permission\*
- ▶ No new grid connection\*
- ▶ Waterproof shelter with integrated LEDs
- ▶ 'ChargeSafe' accredited
- ▶ CCTV security cameras
- ▶ Smart charging & back-office billing system
- ▶ Branding & advertising opportunities
- ▶ Visible commitment to net-zero targets
- ▶ Flexible rental agreements

**Papilio3 will enable customers to keep pace with the energy transition, whilst providing EV drivers with cleaner, more accessible charge points, supporting the global transition to net-zero.**



Papilio3	
Installed solar capacity	19.32 kWp
Estimated solar generation**	18 MWh/yr
Equivalent solar carbon savings ***	3.2 tCO2e/yr
Equivalent solar EV miles driven ****	63,000 mi/yr
Deployment time	24 hours



\*In most locations.

\*\* Based on 910 kWh/kWp yield for a typical central UK location.

\*\*\* Based on 182g CO2/kWh average 2022 grid carbon intensity reported by the EnergySt.

\*\*\*\* Based on 3.66 mi/kWh average EV efficiency from CarWow.co.uk data.