



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' approved
- ▶ 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 DC power (kWp)	19.32
System yield (kWh/kWp/yr)	900
Annual energy production (kWh/yr)	17,214
tCO ₂ e saving /yr**	3.3
Equivalent EV miles driven /yr***	63,000
Deployment time (hours)	24



*In most locations.

** https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1083854/ghg-conversion-factors-2022-condensed-set.xls

*** Based on 3.66 average miles/ kWh using www.carwow.co.uk

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