



Papilio3 - Smart EV Solar Charging Hub

Papilio3 is a clean, simple and rapidly deployed Smart EV Solar Charging Hub. Designed with ease of deployment in mind, it can be installed in just one day without the need for a new grid connection.

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



Specifications

Papilio3 - AC Fast Hub	Key Characteristics
EV charge points	12 x up to 22 kW AC three phase, type 2
Charge rate support*	Single phase - 3.6 / 7 kW Three phase - 11 / 22 kW
Installed solar capacity	19.32 kWp DC
Estimated solar generation	18 MWh/yr (Central UK)
Electrical supply	230/400V TP&N 100-250A
Optional battery capacity	Up to 250 kWh, 125 kW max. output

* Actual charge rate depends on EV charger capability, supply constraints and total system load.



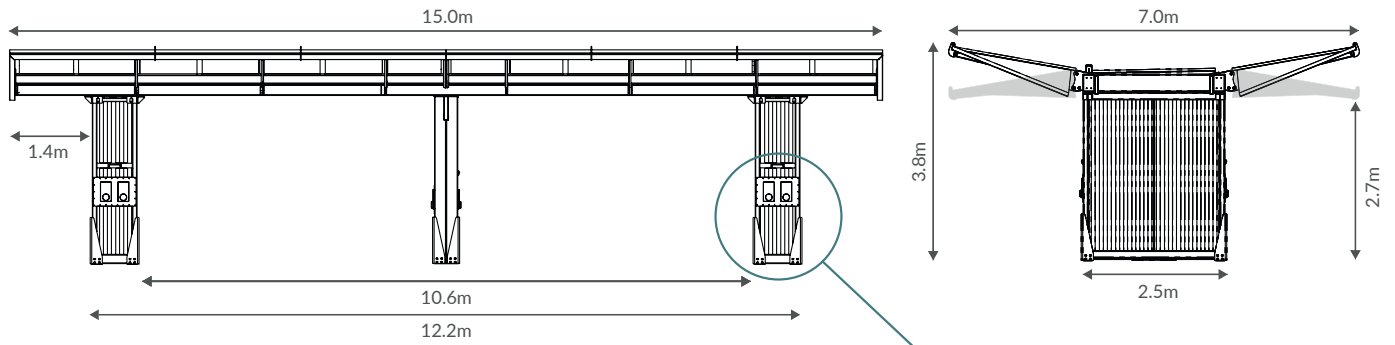
Features

- 3ti Smart Charging Dynamic Load Management
- Contactless payment & RFID options
- App-based or account free payments
- Remote-access CCTV
- Fire & security monitoring
- **Fail-over communications
- Remote administration back-office
- 'ChargeSafe' approved

**Network Connection - Dedicated CAT5e/CAT6 OR fibre wired LAN/WAN as the primary channel with built in cellular (4G/5G) modem as back-up only

Papilio3

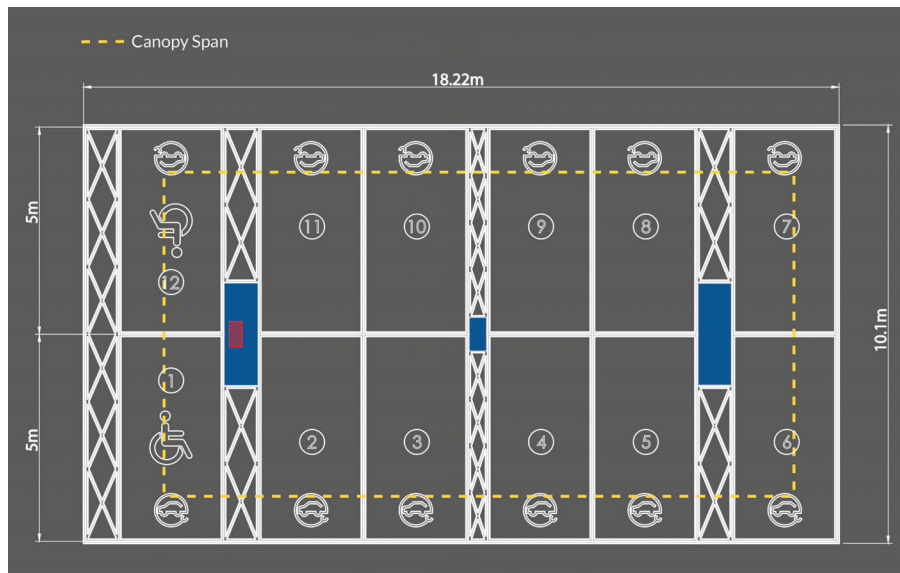
Product Dimensions



Dimensions (approx)

Ground footprint	12.2m x 2.5m (40ft high-cube container)
Solar canopy fully extended	15.0m x 7.0m
Recommended parking space ¹	18.22 x 10.10m (approx. 14 parking spaces)
Maximum vehicle size ²	W 2.5m x L 5.0m x H 2.7m (at lowest canopy position)
EV charge point height ²	0.8m above ground level

Example Parking Layout



Notes:

1. The recommended parking layout enables two outer spaces to be designated as accessible EV charging, including traffic exclusion zone.

2. PAS 1899: 2022 Compliant
Maximum vehicle and EV charge point height is subject to site ground levelling adjustments.

3. Optional lightning conductor not shown, fitment subject to site survey and risk assessment.

4. Images are for illustration purposes only and all data contained in this datasheet is indicative pending confirmation of site ground conditions, model & configuration supplied.

Model: AC FastHub
Document Version: 2

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