REF: 18004/3.01

DATE: 22,03,2026

PROJECT: Clyde Court,
Lapwing Lane, Manchester

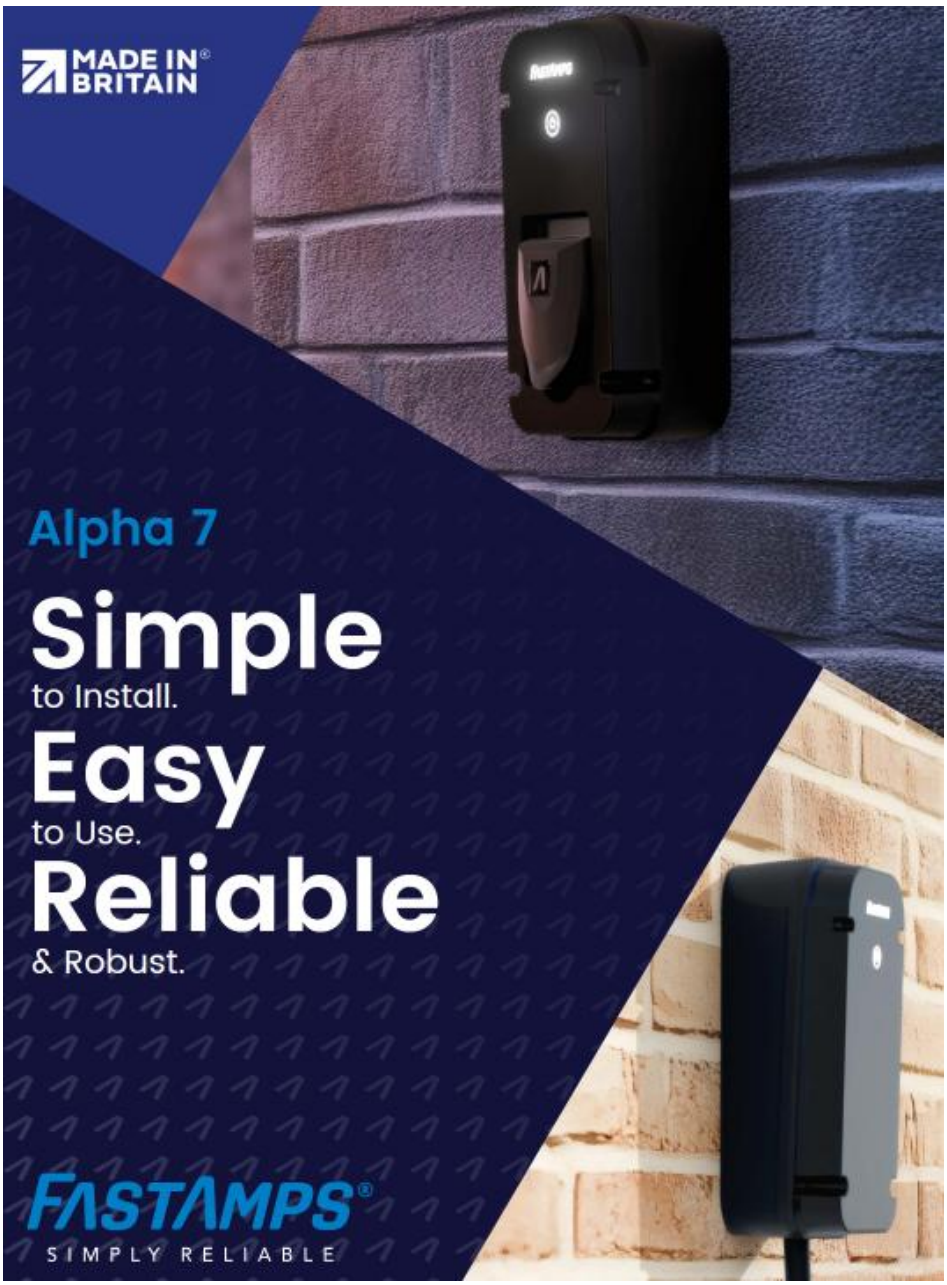
URBANE forms

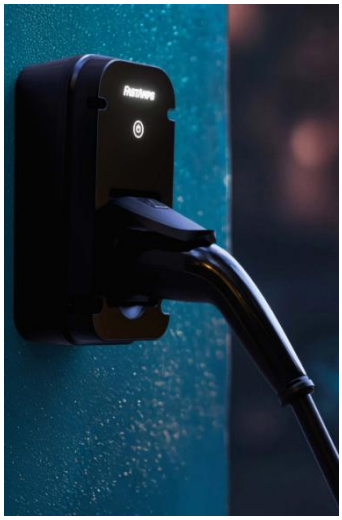
REPORT

PROPOSED ELECTRICAL VEHICLE CHARGEING FOR APPLICATION No:123430/FO/2019
HOME EV CHARGING PODS FOR PLANNING CONDITION 6 DISCHARGE

1.0 EV CHARGING STATION

There is a vehicle charging Pod located next to car parking spaces. The charging station is designed for use by each house residents. The Alpha7 Gen4 EV Charger 7.4kW produced by FastAmps with built in WIFI, Bluetooth and EtherNet detection works with any current cars. It has 7.3kw charging outlet which provides fast charging. It has a simple app which would allow users to see Real time information, Charge Lock, Charge time settings and data download. A full detail of the car charger is indicated below.





Description

Alpha7 Gen4 EV Charger 7.4kW Socket Black. A7-4-SBL

Key Features

- Socketed tethered design for easy use.
- Dynamic solar charging capability.
- CT clamp included.
- PEN fault protection for safety.
- Dynamic load management for efficient charging.
- Comes with a 3-year warranty.

Why Choose FastAmps?

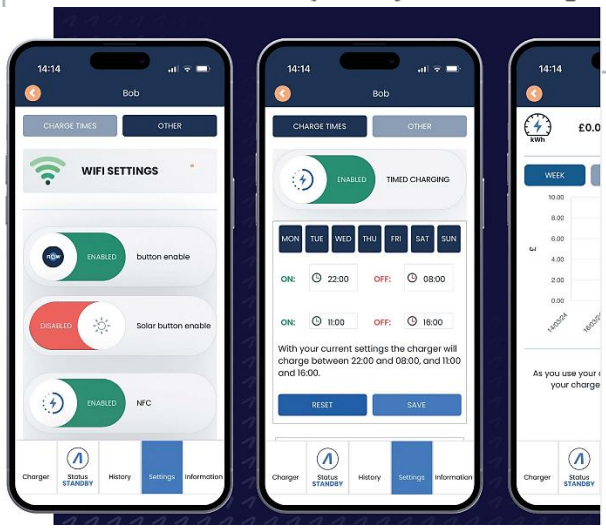
- Designed for both customers and installers with a compact case.
- WiFi, Bluetooth, and Ethernet enabled for connectivity.
- Compatible with all electric vehicles.
- UK-based customer service team for support.
- User-friendly app for hassle-free charging.

Simply Reliable

- Weather-resistant and durable enclosure with proper certifications.
- UK design and manufacturing with over 100 years of combined expertise.
- High-quality components sourced from leading manufacturers.

Simple App

- Intuitive app providing real-time information and features.
- Charger lock for security.
- Charge time settings for convenience.
- Data download capability for user insights.





URBANE forms

REPORT

7. Technical Specifications

Electrical Rating	7.3kW, 220-240V (+/-10%), 50/60Hz, 32A
Over-voltage Category	Category III (4.8kV impulse)
Rated Insulation Voltage	0.5kV
Charging Current	6 to 32A
Supply Cable	LI, N, PE (2.5 – 10mm2)
Cable Strip Length	10mm (Power Terminals) 5mm (Control Terminals)
Tightening Torque	1.3Nm (Power Terminals) 0.5Nm (Control Terminals)
Upstream Breaker	40A Type C MCB for 32A Charging 20 A Type C MCB for 16A Charging
Earth Leakage Protection	Integrated 20mA AC, 6mA DC earth fault protection, & broken PEN connection. External 30mA must also be fitted.
Over-current Protection	Internal (Dynamic)
Under-voltage Protection	207V AC
Over-voltage Protection	253V AC
Operating Temperature	-30°C to +50°C
Charging Mode	Mode 3
Socket Type	Type 2, EN62196 connector, 32A
Standby Power Consumption	~2.7 Watts
LED Indication	Integrated LED charging status indicator
Dimensions	(H)270 mm x (W)140 mm x (D)110 mm
Enclosure Rating	IP54, Fire retardant, UV stabilized, impact & corrosion resistant
Humidity	5 to 95% RH
Weight	1.1Kg
Impact Rating	IK08
Mounting	Wall, surface mount, Indoor/Outdoor, permanently fixed 900 – 1500mm from ground level. Hole centres 95(w)*215(h) mm
Ventilation	Not Supported

2.0 SITE PLAN AND INSTALLED PODS

