The DC ULTRAFAST® (UFC) charging station is one of the most advanced, professionally engineered and future-proof ultrafast DC charging stations in the world.

This ultrafast charger is upgradable from the entry level 50kW unit in modules of 25kW all the way up to 150kW without ever having to change or modify the station itself.

Each station can offer up to 6 x AC and DC charging outlet combinations, and charge up to 4 x vehicles simultaneously.

**PRODUCT FEATURES**

- Future-proof modular design
- Offers both AC & DC charging
- Can offer up to 6 x DC/AC charging outputs
- Can charge up to 4 x vehicles simultaneously
- Can be supplied in 50kW, 75kW, 100kW, 125kW and 150kW formats
- Can be supplied in any kW format and upgraded to higher levels in the future
- Customer can mix & match the DC and AC outputs to suit their own requirements
- DC charges in CHAdeMO and/or CCS Combo
- AC charges in 3.6kW, 7.2kW, 11kW, 22kW and 43kW
- OCPP (1.6) back-office integration
- EMC Certified & Harmonics Compliant
- 7” colour customer interface display screen
- Optional RFID customer authentication interface
- CE certified
1. Input
- AC connection: 3L + N + PE
- AC voltage: 400 V RMS (L-L) +/- 10%
- Frequency: 50 / 60 Hz
- Current nominal: 312 ARMS @ 150 kWDC + 65 kWAC charge
- Power factor: 0.99
- Mains terminal: Terminal blocks 3L + N + PE
- Transient OVP: Class II/C protection

2. DC charge points – CCS & CHAdeMO
- DC output voltage range: 170 - 500 V DC
- Maximum charge current: 300 A DC
- Maximum charge power: 150 kW DC
- Cable / access length: 3.5 m / 2.5 m
- Protections: Overcurrent circuit breaker, Short circuit protection, Overvoltage protection, Low-voltage protection, Isolation monitoring, Earth monitoring

3. DC charge point – CCS
- Compliance: IEC 61851-23 / -24, IEC 62196-3, DIN 70121
- Rating cable & gun: 200 A DC / 850 V DC

4. DC charge point – CHAdeMO
- Compliance: IEC 61851-23 / -24, JEVS 105, Rev. 1.0.1 compliant
- Rating cable & gun: 125 A DC / 500 V DC

5. AC charge points
- Compliance: IEC 61851-22
- AC plug 43 kW charge point: IEC 62196-2 Mode 3, Type 2
- AC socket 22 kW charge point: IEC 62196-2 Mode 3, Type 2
- Nominal AC voltage: 400 Vrms
- Maximum charge current: 3 x 63 A AC @ 43 kW point
- Maximum charge power: 3 x 52 A AC @ 22 kW point
- Cable / access length: 3.5 m / 2.5 m
- Protections: RCD Type B, Overcurrent circuit breaker, Earth monitoring

6. User interface
- Display: 7” color display
- Keypads: 5 buttons – backlight
- Local authentication: RFID reader

7. Connectivity
- Connectivity: Fixline: Ethernet, Wireless: GPRS / 3G modem
- Back office interface: OCPP 1.5

8. General
- Protection: IP 55
- Enclosure protection: IK 10
- Efficiency factor: 94%
- Ambient temperature: -20 to +45 °C
- Relative humidity: 95 % max, non cond.
- Compliance: IEC 61851-1
- EMC: IEC 61851-2-2, EN 61000-6-1, -2 / -4

Options & Accessories:
- RFID Card / Fobs
- Load Manager system (electrical distribution management)
- Corporate branding (colours, logo badge, etc.)
- Protection barriers
- Charge point signage

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