

# Velocity Specification Sheet

|                                |                                                                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model:                         | FE-AM3-32-WB Velocity                                                                                                                                                                             |
| Colour:                        | Head Unit and Charging Cable - Black, Plug - White                                                                                                                                                |
| Installation Method            | Wall Mounted on Bracket with fasteners                                                                                                                                                            |
| Equipment Dimension            | 325*220*100(H*W*D)mm                                                                                                                                                                              |
| Cable Length                   | 5m                                                                                                                                                                                                |
| Plug Type                      | Tethered Type 2                                                                                                                                                                                   |
| Degree of protection           | Charging station: IP65                                                                                                                                                                            |
| Power                          | 7.4KW                                                                                                                                                                                             |
| Current                        | 32 A                                                                                                                                                                                              |
| Voltage                        | 230 – 250v                                                                                                                                                                                        |
| Frequency                      | 50/60HZ                                                                                                                                                                                           |
| Charging interface             | Type 2 ( Type 1 compatible Velocity Type 1 adapter)                                                                                                                                               |
| RCD Internal                   | Type A 30mA + 6mA DC                                                                                                                                                                              |
| RCBO B Type Breaker            | External - Included in Velocity Package as standard NZ Certified RCBO Type B Breaker with mounting block                                                                                          |
| Operating temperature          | -30°C to 55°C                                                                                                                                                                                     |
| Operating humidity             | 5%-95%                                                                                                                                                                                            |
| User interface Head Unit       | 4.3 Inch LCD screen live data, colour coded LED lights, adjacent touch controls                                                                                                                   |
| User Control                   | APP or RFID Swipe Card                                                                                                                                                                            |
| Communication (Optional)       | Wi-Fi/Bluetooth – Manual operation without Wi-Fi where required                                                                                                                                   |
| Dynamic Load Balance           | Standard feature - open type CT (current transformer) as current sensor                                                                                                                           |
| Standard                       | IEC62196 EN IEC61851                                                                                                                                                                              |
| Product Detail                 | 32-bit ARM core efficient processor.                                                                                                                                                              |
| Precision metering chip RN7302 | Collects three voltage channels and three current channels, measurement error is less than <0.02%.                                                                                                |
| Collection information:        | Supports three-way temperature collection (control board temperature, power board temperature and gun head temperature), equipment residual current and vehicle communication signal CP.          |
| Protection functionality:      | Communication signal fault protection, under voltage protection, over voltage protection, leakage protection, over current protection, over temperature protection and emergency stop protection. |

