



# Reliable charging for efficient buildings

## EVlink™ Pro AC

### Unique features

#### User-friendly

Simple and intuitive to:

- Purchase
- Install
- Commission
- Use
- Operate
- Maintain

#### Advanced Connectivity

- Mobile apps for commissioning
- Remote monitoring
- Smart charging
- OCPP 1.6 Json
- Modbus

#### Sustainability

- Green Premium™ label
- Repairability

#### Reliability and safety

- Robust products:
  - 100% tested and certified
  - Compliant with strict standards (ISO, IEC, etc.)
- In-built RDC-DD 6mA (Residual Direct Current detecting device). RCD type A protection needed upstream of the charge.
- MNx (Undervoltage tripping auxiliary) protection directly embedded in the charger.

#### Flexibility

- Scalable
- Interoperable
- Modular
- Customizable look & feel



### Benefits

- Schneider Electric launches the new EVlink Pro AC, the next generation of charging stations for electric vehicles
- EVlink Pro AC:
  - Enables highly reliable, flexible and sustainable smart charging for multifamily housing and buildings of the future
  - Optimizes energy consumption
  - Maximizes uptime and efficiency
  - Ensures a seamless user experience for EV installers, operators and drivers

[se.com/au/emobility](https://se.com/au/emobility)

Life Is On

**Schneider**  
Electric

## Characteristics

| Characteristics                          |                                                                                                                                                                                                                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                                    | EVlink                                                                                                                                                                                                                                                                              |
| Product name                             | EVlink Pro AC                                                                                                                                                                                                                                                                       |
| Product type                             | AC charging station                                                                                                                                                                                                                                                                 |
| Device short name                        | EVB3                                                                                                                                                                                                                                                                                |
| Power supply                             | 3P + N for power circuit<br>1P + N for power circuit                                                                                                                                                                                                                                |
| Mounting mode                            | Wall-mounted<br>On a pedestal                                                                                                                                                                                                                                                       |
| In a metallic enclosure                  | Wall-mounted or floor-standing                                                                                                                                                                                                                                                      |
| (Us) rated supply voltage                | 380...415 V AC 50/60 Hz power circuit<br>220...240 V AC 50/60 Hz control circuit                                                                                                                                                                                                    |
| Nominal output power                     | 22 kW 380...415 V<br>7.4 kW 220...240 V                                                                                                                                                                                                                                             |
| Access control system                    | NFC 13,56 MHz reader compatible with type 1, 2, 4 and 5 badges<br>RFID reader: <ul style="list-style-type: none"> <li>– In conformity with ISO/CEI 14443 A &amp; B and ISO/CEI 15693 protocols</li> <li>– Compatible with Mifare Ultralight, Mifare Classic, Mifare Plus</li> </ul> |
| Socket number                            | 1                                                                                                                                                                                                                                                                                   |
| Output type                              | Front side T2 with shutter socket-outlet/silver plated contacts<br>Front side attached cable with T2 connector                                                                                                                                                                      |
| Earthing system                          | TT<br>TN-S<br>Compatible IT on 1-phase<br>Compatible IT with additional isolation transformer on the 3-phase power supply                                                                                                                                                           |
| Digital inputs                           | 1 for temporary current limitation<br>1 for postponed/suspended charge<br>1 for EV presence detection                                                                                                                                                                               |
| Local signaling                          | 1 multi-colour LED for status indication                                                                                                                                                                                                                                            |
| Communication port protocol              | OCPP 1.6 Json smart charging                                                                                                                                                                                                                                                        |
| Network connection embedded              | Bluetooth<br>Ethernet 2 ports (1 for daisy chain)<br>Modbus serial                                                                                                                                                                                                                  |
| 3 <sup>rd</sup> party network connection | OCPP 1.6 Json<br>Modbus TCP                                                                                                                                                                                                                                                         |
| Network connection in option             | Wireless 3G/4G modem                                                                                                                                                                                                                                                                |
| Available functions                      | Charging detail record<br>Load management<br>Diagnosis capabilities<br>User authentication<br>Software updates<br>1% metering                                                                                                                                                       |
| Operating mode                           | Standalone<br>Clustered architecture                                                                                                                                                                                                                                                |

## EVlink Pro AC charging station part numbers

| Part number        | Type of socket | Power kW | Current output | Number of phases | Embedded protection        | Embedded energy meter |
|--------------------|----------------|----------|----------------|------------------|----------------------------|-----------------------|
| <b>EVB3S07N40M</b> | T2S            | 7.4      | 32A            | 1PH              | RDC-DD 6mA + MNX           | MID 1PH               |
| <b>EVB3S07NC0</b>  | ACT2*          | 7.4      | 32A            | 1PH              | RDC-DD 6mA + MNX           | No                    |
| <b>EVB3S22N40M</b> | T2S            | 22       | 32A            | 3PH              | RDC-DD 6mA                 | MID 3PH               |
| <b>EVB3S22N4</b>   | T2S            | 22       | 32A            | 3PH              | RDC-DD 6mA + iSWNA40 + MNX | No                    |
| <b>EVB3S22NC0M</b> | ACT2*          | 22       | 32A            | 3PH              | RDC-DD 6mA                 | MID 3PH               |
| <b>EVB3S22NC0</b>  | ACT2*          | 22       | 32A            | 3PH              | RDC-DD 6mA + MNX           | No                    |
| <b>EVB3S07N41</b>  | T2S            | 7.4      | 32A            | 1PH              | RDC-DD 6mA                 | No                    |

\* Attached cable type 2

## EVlink accessories

| Accessories                                                                          | References |
|--------------------------------------------------------------------------------------|------------|
| Embedded 4G modem with 2 internal antennas for EVlink Pro AC                         | EVA1MS     |
| 10 RFID badges                                                                       | EVP1BNS    |
| Pedestal for 1 charging station                                                      | EVA1PBS1   |
| Pedestal for 2 charging stations                                                     | EVA1PBS2   |
| Plate to convert Pedestal for 1 charging station to Pedestal for 2 charging stations | EVA1PCS2   |
| Permanent cable holder                                                               | EVA1PLS1   |

Green Premium™



| Offer sustainability       |                               |
|----------------------------|-------------------------------|
| Sustainable offer status   | Green Premium product         |
| EU RoHS Directive          | Compliant                     |
| Mercury free               | Yes                           |
| RoHS exemption information | Yes                           |
| Environmental Disclosure   | Product Environmental Profile |
| Circularity Profile        | End Of Life Information       |
| REACH Regulation           | Compliant                     |

## Technical data

| Technical data                                                                |                                                                                                                                                                         |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard compliance                                                           | IEC/EN 61851-1 Ed 3.0<br>IEC/EN 62196-1 Ed 2.0 - IEC/EN 62196-2 Ed 1.0<br>EN 61000-6-2: 2019<br>EN 61000-6-3:2007 + A1:2011<br>IEC 60884-1 and NF-C 61314<br>AS/CA S042 |
| Product certifications                                                        | CE<br>EV Ready<br>RCM                                                                                                                                                   |
| IP degree of protection                                                       | IP55 with T2S socket<br>IP55 with attached cable                                                                                                                        |
| IK degree of shock protection                                                 | IK10                                                                                                                                                                    |
| Ambient air temperature for operation                                         | -30...50°C                                                                                                                                                              |
| Ambient air temperature for storage                                           | -40...80°C                                                                                                                                                              |
| Operating altitude                                                            | 2,000 m without physical derating                                                                                                                                       |
| Relative humidity                                                             | 5...95 %                                                                                                                                                                |
| Metering accuracy                                                             | 1% metering accuracy                                                                                                                                                    |
| Charging station material                                                     | Polycarbonate UV treated                                                                                                                                                |
| Pedestal material                                                             | Alu 5754 with zinc phosphate pre-treatment                                                                                                                              |
| Off-load charging station consumption                                         | < 10 W                                                                                                                                                                  |
| Charging station height                                                       | 529 mm/21 in.                                                                                                                                                           |
| Pedestal height                                                               | 1,300 mm/51 in.                                                                                                                                                         |
| Charging station width                                                        | 317 mm/12.5 in.                                                                                                                                                         |
| Pedestal width                                                                | 285 mm/11 in.                                                                                                                                                           |
| TS2 charging station depth                                                    | 153 mm/6 in.                                                                                                                                                            |
| TS2 charging station + domestic socket depth                                  | 158 mm/6 in.                                                                                                                                                            |
| Charging station depth with attached cable                                    | 183 mm/7 in.                                                                                                                                                            |
| 1 charging station + pedestal depth                                           | 229 mm/9 in.                                                                                                                                                            |
| 2 charging stations + pedestal depth                                          | 384 mm/15 in.                                                                                                                                                           |
| Charging station net weight                                                   | 7.5 kg/16.5 lb.<br>10 kg/22 lb. with attached cable                                                                                                                     |
| Pedestal net weight                                                           | 5 kg/11 lb.                                                                                                                                                             |
| Charging station colour                                                       | Dark grey RAL 7016<br>Black RAL 9005<br>White RAL 9003                                                                                                                  |
| Pedestal colour                                                               | Dark grey RAL 7016                                                                                                                                                      |
| Environment class of operating charging station according to IEC/EN 60721-3-4 | Biological conditions - 4B1<br>Chemically active substances - 4C2<br>Salt mist - 148 hours/ 6 days for outdoor Ka test (continuous)                                     |

[se.com/au/emobility](https://se.com/au/emobility)

Life Is On

**Schneider**  
Electric

**Schneider Electric Pty Ltd**  
2 Banfield Road  
Macquarie Park, NSW 2113  
Australia