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

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 1P + N for power circuit
Mounting mode	Wall-mounted 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 220...240 V AC 50/60 Hz control circuit
Nominal output power	22 kW 380…415 V 7.4 kW 220…240 V

Access control system	NFC 13,56 MHz reader compatible with type 1, 2, 4 and 5 badges
	RFID reader:
	    – In conformity with ISO/CEI 14443 A & B and ISO/CEI 15693 protocols
	    – Compatible with Mifare Ultralight, Mifare Classic, Mifare Plus

Socket number	1
Output type	Front side T2 with shutter socket-outlet/silver plated contacts Front side attached cable with T2 connector
Earthing system	TT TN-S Compatible IT on 1-phase Compatible IT with additional isolation transformer on the 3-phase power supply
Digital inputs	1 for temporary current limitation 1 for postponed/suspended charge 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 Ethernet 2 ports (1 for daisy chain) Modbus serial
3rd party network connection	OCPP 1.6 Json Modbus TCP
Network connection in option	Wireless 3G/4G modem
Available functions	Charging detail record Load management Diagnosis capabilities User authentification Software updates 1% metering
Operating mode	Standalone 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
EVB3S07N40M**	T2S	7.4	32A	1PH	RDC-DD 6mA + MNX	MID 1PH
EVB3S07NC0**	ACT2*	7.4	32A	1PH	RDC-DD 6mA + MNX	No
EVB3S22N40M	T2S	22	32A	3PH	RDC-DD 6mA	MID 3PH
EVB3S22N4	T2S	22	32A	3PH	RDC-DD 6mA + iSWNA40 + MNX	No
EVB3S22NC0M	ACT2*	22	32A	3PH	RDC-DD 6mA	MID 3PH
EVB3S22NC0**	ACT2*	22	32A	3PH	RDC-DD 6mA + MNX	No
* Attached cable type 2 ** Available from Q3 2023						

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*
*Available from Q3 2023	

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 IEC/EN 62196-1 Ed 2.0 - IEC/EN 62196-2 Ed 1.0 EN 61000-6-2: 2019 EN 61000-6-3:2007 + A1:2011 IEC 60884-1 and NF-C 61314 AS/CA S042
Product certifications	CE EV Ready RCM
IP degree of protection	IP55 with T2S socket 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 Pedestal material	Polycarbonate UV treated Alu 5754 with zinc phosphate pre-treatment
Off-load charging station consumption	< 10 W
Charging station height Pedestal height	529 mm/21 in. 1,300 mm/51 in.
Charging station width Pedestal width	317 mm/12.5 in. 285 mm/11 in.
TS2 charging station depth TS2 charging station + domestic socket depth Charging station depth with attached cable 1 charging station + pedestal depth 2 charging stations + pedestal depth	153 mm/6 in. 158 mm/6 in. 183 mm/7 in. 229 mm/9in. 384 mm/15 in.
Charging station net weight Pedestal net weight	7.5 kg/16.5 lb. 10 kg/22 lb. with attached cable 5 kg/11 lb.
Charging station colour Pedestal colour	Dark grey RAL 7016 Black RAL 9005 White RAL 9003 Dark grey RAL 7016
Environment class of operating charging station according to IEC/EN 60721-3-4	Biological conditions - 4B1 Chemically active substances - 4C2 Salt mist - 148 hours/ 6 days for outdoor Ka test (continuous)

se.com/au/emobility

Life Is On | Schneider Electric