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

Reliability and safety
- Robust products:
  - 100% tested and certified
  - Compliant with strict standards (ISO, IEC, etc.)
- RCD type B EV or Asi and MNx (Undervoltage tripping auxiliary) protection directly embedded in the charger

Flexibility
- Scalable
- Interoperable
- Modular
- Customizable look & feel

Sustainability
- Green Premium™ label
- Repairability

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/hk/ev-charger

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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
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* / Wifi*
Available functions	Charging detail record / Load management / Diagnosis capabilities / User authentification / Software updates / 1% metering
Operating mode	Standalone Clustered architecture
* For inquiries, please contact Sales Department of Schneider Electric (Hong Kong) Ltd. for details.	

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
Product certifications	CE EV Ready
IP degree of protection	IP55 with T2S socket
IK degree of shock protection	IK10
Ambient air temperature for operation	-30…50°C (+40°C for EVlink Pro AC with embedded RCD type Asi)
Ambient air temperature for storage	-40…80°C (+70°C for EVlink Pro AC with embedded RCD type Asi)
Operating altitude	2,000 m without physical derating
Relative humidity	5…95 %
Metering accuracy	1% metering accuracy

Technical data (continued)

Technical data	
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.
1 charging station + pedestal depth	229 mm/9in.
2 charging stations + pedestal depth	384 mm/15 in.
Charging station net weight	7.5 kg/16.5 lb.
Pedestal net weight	5 kg/11 lb.
Charging station colour	Dark grey RAL 7016 / Black RAL 9005 / White RAL 9003
Pedestal colour	Dark grey RAL 7016
Environment class of operating charging station	Biological conditions - 4B1
	Chemically active substances - 4C2
according to IEC/EN 60721-3-4	Salt mist - 148 hours/ 6 days for outdoor Ka test (continuous)

Charging station with part numbers of embedded protection devices

Part number	Type of socket	Power kW	Current output	Number of phases	Embedded protection	Embedded energy meter
EVB3S07N4A	T2S	7.4	32A	1PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	No
EVB3S22N4B	T2S	22	32A	3PH	RCD Type B EV+ MNx	No
EVB3S22N4A	T2S	22	32A	3PH	RDC-DD 6mA+RCD Type Asi 30mA+MNx	No

EVlink accessories

Accessories	References
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
EVlink AC charging station testing tool	EVA1SADS
* To check availability, please contact Sales Department of Schneider Electric (Hong Kong) Ltd. for details.	

Green Premium ™   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

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To know more about our products and soltions

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