

Elli Charger

Product Configuration

	Elli Charger	Elli Charger Connect	Elli Charger Pro
Charging Mode	Mode 3 (IEC 61851)	Mode 3 (IEC 61851)	Mode 3 (IEC 61851)
Access Control	--	RFID (IEC 14443 A/B, ISO 15693)	RFID (IEC 14443 A/B, ISO 15693)
Internet- / Network Communication	--	WiFi (2,4/5 GHz - 802.11 b,g,n) Ethernet (via RJ45) 4G/LTE ²⁾	WiFi (2,4/5 GHz - 802.11 b,g,n) Ethernet (via RJ45) 4G/LTE
Communication Protocols	--	OCPP 2.0J In development: EEBus ¹⁾	OCPP 2.0J In development: EEBus ¹⁾
Metering	--	--	MID Meter

Technical Specification

Electrical Properties	1 Phase	3 Phase	
Rated Voltage ($\pm 10\%$)	1x 230 V	400 V (3x 230 V)	
Rated Frequency	50 Hz	50 Hz	
Rated Current	1x 32 A	3x 16 A	
max. Charging Capacity (depending on individual configuration)	7,4 kW	11 kW	
Charging Plug	AC – Type 2	AC – Type 2	
Charging Cable Length	4,5 m or 7,5 m	4,5 m or 7,5 m	
Installation Wiring Cross Section	1 – 10 mm ²	1 – 6 mm ²	
Internal Earth Leakage Sensor	$I_{\Delta n}$ DC ≥ 6 mA (IEC 61851)	$I_{\Delta n}$ DC ≥ 6 mA (IEC 61851)	
Additionally needed Upstream Protection ³⁾	<ul style="list-style-type: none"> ▶ Residual Current Detection minimum Type A (30 mA AC) ▶ Circuit Breaker 32 A (1 Phase) or 16 A (3 Phase) 		
Physical Properties			
Dimensions [W x H x D] (in mm)	297 x 406 x 116	Operating Temperature	-30 °C ... +50 °C
Status Indication	LED based HMI	max. Humidity	95 % (non-condensing)
Enclosure Ratings	IK 10 (IEC 62262)	max. Altitude	4000 m a.m.s.l.
	IP 54 (IEC 60529)	Mounting Method	on Wall
Weight (depending on variant and charging cable length)	5,6 kg ... 7 kg	Dynamic Load Management	via AC Current Sensors (optional additional material needed)

1) EEBus communication is currently under development and will be available in the future via a software update (OTA).

2) Option

3) Check local installation requirements if additional measures are required.