

# Datasheet Element 22



## Ordering codes

8720929370467	Element 11kW Cable
8720929370429	Element 11kW Socket
8720929370474	Element 11kW MID Cable
8720929370450	Element 22kW Cable
8720929370443	Element 22kW Socket
8720929370436	Element 22kW MID Cable
8720929370412	Element 22kW MID Socket

General Information	
Charging Mode	Mode 3 (IEC 61851-1)
Input/Output Power&Current Rating	22kW/32A max.
Input/Output Voltage Rating	400Vac±10%, 3 phases, 50/60Hz, L1+L2+L3+N+PE
Grid Type	
Grid Type	TN-S, TN-C, TN-C-S, TT
Charging Interface	Configuration 01: 1 x IEC 62196-2 Type 2 tethered plug (Case C); Configuration 02: 1 x IEC 62196-2 Type 2 socket (Case B); Configuration 03: 1 x French shutter
Metering	
Metering	Onboard metering chip; MID meter (optional); Accuracy: Class 1
Internal RCD	6mA DC
Protection	
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Short circuit, Over temperature, Ground fault, Integrated surge protection
User Interface	
Display & Support Languages	No display
Status Indication	LED ring
Button and Switch	Emergency button (optional) and DIP switch inside (Used for setting output current limitation)
User Authentication	
User Authentication	RFID card, App
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wifi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J
Bluetooth 5.0	Yes
Protocol (EVSE&EV)	Control pilot
Environmental	
Operating Temperature	-30 to 50 °C
Storage Temperature	-40 to 80 °C
Humidity	5% to 95% no condensation
Altitude	≤ 2000m above sea level
Mechanical	
IP Rating	IP54@Case B, IP55@Case C
IK Rating	IK10
Cooling	Natural cooling
Charging Cable Length	5m
Dimensions (WxHxD)	282*409*148 mm
Weight	Approx. 7.5kg (Including cable)
Installation	Wall mounting; Pole mounting (Pole is optional)
Certification and standards	
Standards and compliance	IEC 61851-1, IEC 61851-21-2, LVD 2014/35/EU, RED 2014/53/EU
Certification	CE
Revision date	
Revision date	24/03/2023



REV: Datasheet Element 22\_V1.4\_24/03/2023