

## AC-AC Smart Chargers specification

	91003	91007	91011	91022
<b>Output Power</b>	3.6kW Single Phase	7.2kW Single Phase	11kW 3 Phase TN Network	22kW 3 Phase TN Network
<b>Output Current</b>	16A	32A	16A x 3	32A x 3
<b>Outlet Socket</b>	Type 2 (ISO-62196-2)			
<b>Safety Protection</b>	Internal 30mA AC / 6mA DC RCM IEC 62955:2018			
<b>Required Protection</b>	20A Type A RCBO	40A Type A RCBO	20A 3 Pole Type A RCBO	40A 3 Pole Type A RCBO
<b>Environmental Protection</b>	Charger - IP65, Socket - IP54			
<b>RFID</b>	ISO 14443A, ISO 14443B, MIFARE			
<b>Key</b>	<i>Available on request</i>			
<b>Communication</b>	2G / 4G LTE <i>and/or</i> Ethernet			
<b>EV Charging Compliance</b>	CE Certified IEC 61851-1:2017 IEC 61851-21-2:2018			
<b>Charge Protocol</b>	Mode 3 IEC 61851-1 Annex D (LIN-CP) ISO 15118 Ready			
<b>OCPP</b>	OCPP1.6J ( <i>JSON over websockets</i> )			
<b>ISO 15118 - V2G</b>	<i>Vehicle to Grid and Plug and Charge Optional</i>			
<b>Metering</b>	Built-in <1% energy meter			
<b>Phase Balancing</b>	N/A	N/A	Yes	Yes
<b>Load Balancing</b>	<i>Optional</i>			
<b>Charger Status</b>	LED and Audio			
<b>Mounting</b>	Wall			
<b>Operating Temperature</b>	-40 to +50°C			
<b>Dimensions</b>	400x240x160mm			
<b>Weight</b>	2.9kg			
<b>Gland</b>	11-14mm Cable Diameter			14-18mm Cable
<b>Housing</b>	UV Resistant ABS			