



## MENNEKES – PRODUCT PORTFOLIO

eMobility overview

Mai 2017 V0.1



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# AMTRON® - PRODUCT PORTFOLIO

With 7.5 m fixed charging cable – MENNEKES Charging connector (Type 2)  
For semi-public areas



						RFID card system		RFID card system	
						Personal Protection (RCD Type B)		Personal Protection (RCD Type B)	
				Calibrated digital energy meter		Calibrated digital energy meter		Calibrated digital energy meter	
		Key switch		Charge APP via Ethernet/WIFI		Charge APP via Ethernet/WIFI		Charge APP via Ethernet/WIFI	
Led Status display Stop button		Led Status display Button for reset function		Led Status display Button for reset function		Led Status display Multi-function button		Led Status display Multi-function button	
Start E C2		Standard E C2		XTRA E C2		XTRA R C2		Premium E C2	
Part number		Part number		Part number		Part number		Part number	
3,7 kW	1350200	7,4 kW	1358203	7,4 kW	1354203	11/22 kW	1354252	22 kW	1355252
22 kW	1350202	22kW	1358202	11/22 kW	1354202				

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# AMTRON® - PRODUCT PORTFOLIO

With MENNEKES charging socket (Type 2)  
For semi-public areas



			RFID card system	RFID card system
				Personal Protection (RCD Type B)
		Calibrated digital energy meter	Calibrated digital energy meter	Calibrated digital energy meter
	Key switch	Charge APP via Ethernet/WIFI	Charge APP via Ethernet/WIFI	Charge APP via Ethernet/WIFI
Led Status display Stop button	Led Status display Button for reset function	Led Status display Button for reset function	Led Status display Multi-function button	Led Status display Multi-function button
<b>Start E</b>	<b>Standard E</b>	<b>XTRA E</b>	<b>Premium E</b>	<b>Premium R</b>
Part number	Part number	Part number	Part number	Part number
3,7 kW      1350400	3,7/7,4 kW      1358400	3,7/7,4 kW      1354400	11/22 kW      1355451	11 kW      1355401
11 kW      1350401	11/22kW      1358401	11/22 kW      1354401		

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# AMTRON® - PRODUCT PORTFOLIO

With MENNEKES charging socket (Type 2 with shutter)  
For dwellings and 16A applications



			RFID card system	RFID card system
		Personal Protection (RCD Type B)		Personal Protection (RCD Type B)
	Calibrated digital energy meter	Calibrated digital energy meter	Calibrated digital energy meter	Calibrated digital energy meter
	Charge APP via Ethernet/WIFI	Charge APP via Ethernet/WIFI	Charge APP via Ethernet/WIFI	Charge APP via Ethernet/WIFI
Led Status display Stop button	Led Status display Dutton for reset function	Led Status display Multi-function button	Led Status display Multi-function button	Led Status display Multi-function button
<b>Start E T2S</b>	<b>XTRA E T2S</b>	<b>XTRA R T2S</b>	<b>Premium E T2S</b>	<b>Premium R T2S</b>
Part number	Part number	Part number	Part number	Part number
3,7 kW      1340680	3,7/7,4 kW      1354600	11 kW      1344681	22 kW      1355601	11 kW      1345681
11 kW      1340681	11/22 kW      1354601			

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# AMTRON® - PRODUCT PORTFOLIO

accessories



**Stainless Steel Column  
AMTRON®**

Part number	
for 1 AMTRON®	18558
for 2 AMTRON®	18566



**Protective Cover  
AMTRON® Stainless Column**

Part number
18559



**Protective Cover  
AMTRON® wall mounting**

Part number
18555



**AMTRON® RFID User-cards (10 pcs.)**

Part number
30712



**AMTRON® RFID Master-cards (10 pcs.)**

Part number
30711

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# CHARGING STATION - PRODUCT PORTFOLIO

With two charging sockets Type 2  
For for semi-public areas



All charging stations include charging power up to 22 kW (three-phase) with automatic power adjustment to 11 kW (three-phase) and unlocking function in case of power failure.



RFID card system, SMS		RFID card system, SMS	
Personal Protection (RCD Type B)		Personal Protection (RCD Type B)	
Networking with RS485-Bus and E-Mobility Gateway, heated charging outlet		Networking with GSM connection (via integrated ACU), heated charging outlet	
Fixing and contact unit (BKE) for eHZ		Fixing and contact unit (BKE) for eHZ	
IP-44, Residual Current Device 40A, Miniature Circuit Breaker 32A/16A		IP-44, Residual Current Device 40A, Miniature Circuit Breaker 32A/16A	
<b>Premium</b>		<b>Smart</b>	
Part number		Part number	
22 kW	1313610	22 kW	319610

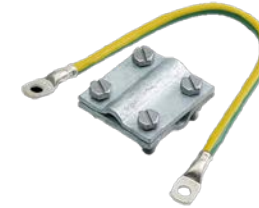
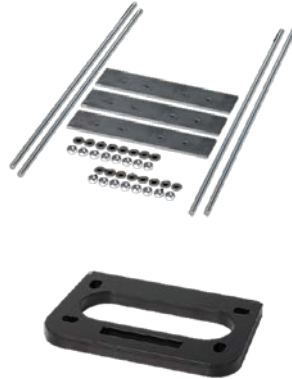
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# CHARGING STATION - PRODUCT PORTFOLIO

accessories



Installation set for charging stations type Premium, Smart

Mounting base plate for charging stations type Premium, Smart

Basement installation set

Vacuum Lifter Set 5'' 60kg (1 set = 2 pcs. lifter)

Foundation earth set charging systems

Part number	Part number	Part number	Part number	Part number
18516	18514	18518	90827	30701

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# E-MOBILITY GATEWAY - PRODUCT PORTFOLIO



Part number	Locking system
310561	Keyed alike
310551	Keyed to differ

- E-Mobility Gateway intended for networking with MENNEKES charging infrastructure and backend system
- Connection at up to 16 charging points (SCU) via RS485-Bus with the integrated (ACU) Accounting Control Unit
- E-Mobility Gateway can be used for a combined connection of different MENNEKES charging systems (e.g. ground- or wall-mounted charging stations, AMTRON).
- Communication with the backend via LAN or GSM connection
- Communication with the backend via OCPP 1.5 protocol
- 2 integrated LTE antennas for ideal communication
- Connection terminals for Bus participants (SCUs)
- Robust and lockable enclosure for stationary mounting in indoor and outdoor areas
- Mounting material and cable entries enclosed

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# TEST BOX FOR CHARGING STATIONS

Simulates an electric car



- ON / OFF switch (state A/B)
- Simulation of non-combustion and combustion engine vehicles. Charging with and without ventilation requirement (state C / D)
- Error Message of the electric vehicle. Short circuit between CP and PE (state E)
- Simulation of an alternating current load
- Charging plug for connection on a Mode 3 charging point
- Terminals for external test equipment to a Schuko<sup>®</sup> or CEE-Outlet
- Possibility to connect an oscilloscope to a BNC connector

	Part number
With SCHUKO <sup>®</sup>	320013
With CEE 16A 3p 230 V	320014



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# CABLE - PRODUCT PORTFOLIO



Infrastructure 	Electric vehicle 	Phases		Charging Mode			
Type 2	Type 2	3-phase	32 A	Mode 3	Cable Length Part number:	4 m 36213	7,5 m 36247
Type 2	Type 1	1-phase	20 A	Mode 3	Cable Length Part number:	5 m 36055	
Schuko	Type 2	1-phase	13 A	Mode 2	Cable Length Part number:	8 m 35121	

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