

HARTING E-Mobility Charging Cable



Pushing Performance

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HARTING charging cables are available as suitable version for all AC charging interfaces (AC, alternating current). Thus HARTING cables match the three globally standardized connection system versions. Furthermore special models have been designed for use in so called in-cable charging devices (IC-CPD*) as interchangeable cord sets.

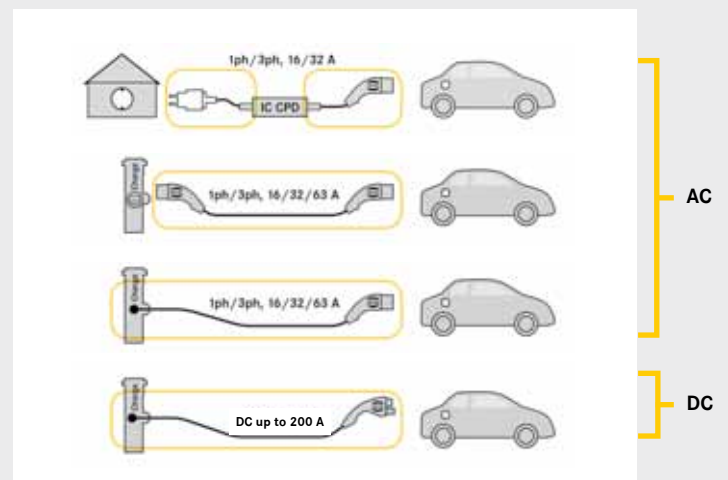
Charging Mode acc. to IEC 61581 / Charging cables

Mode 2, AC household/industrial socket to IC-CPD, IC-CPD to vehicle

Mode 3, AC E-Mobility socket charging device to vehicle

Mode 3, AC E-Mobility termination fixed charging device to vehicle

Mode 4, DC E-Mobility termination fixed charging device to vehicle



Standard

- ISO / IEC 61851
- ISO / IEC 62196
- SAE J 1772
- GB / T 20234.1, GB / T 20234.2, China

Electrical parameter

- 115 V / 230 V, 20 A, 1 ph
- 230 V, 16 A, 1 ph
- 400 V, 16 A, 3 ph
- 400 V, 32 A, 3 ph
- 400 V, 63 A, 3 ph

Length

- Standard charging cable, 4 m (see reverse side)
- or free choice

Approval

- CE, VDE, UL
- Approval depend on choice of variation and cable type

Cable

- Standard charging cable, black
- Other variants on request

*IC-CPD: In Cable Control and Protection Device

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HARTING charging cables are available as standard version with a cable length of 4 m and we offer a free choice of cable length according to the table below.

Combination of standard charging cables, mode 3, length 4 m

	Infrastructure	Vehicle
Nr. 61132130150 Charging plug infrastructure, Typ 2 – Typ 1 charging coupler, 1 ph, 16 A		
Nr. 61132130102 Charging plug infrastructure, Typ 2 – Typ 2 charging coupler, 1 ph, 16 A		
Nr. 61132130106 Charging plug infrastructure, Typ 2 – Typ 2 charging coupler, 3 ph, 16 A		
Nr. 61132130110 Charging plug infrastructure, Typ 2 – Typ 2 charging coupler, 3 ph, 32 A		
Nr. 61132130120 Charging plug infrastructure GB China – GB China charging coupler, 1 ph, 16 A		
Nr. 61132130140 Infrastructure, single-sided – Typ 1 charging coupler, 1ph, 16 A		
Nr. 61132130130 Infrastructure, single-sided - Typ 2 charging coupler, 1 ph, 16 A		
Nr. 61132130131 Infrastructure, single-sided - Typ 2 charging coupler, 3 ph, 16 A		
Nr. 61132130133 Infrastructure, single-sided - Typ 2 charging coupler, 3 ph, 32 A		
Nr. 61132130121 Infrastructure, single-sided – GB China charging coupler, 1 ph, 16 A		

Combinations with a variable length according table:

Infrastructure	GB V	T2 V	T1 V	Combo		Vehicle
	Household/industrial plug					
Single-sided AC	x ^{1),2),3),4)}	x ^{1),2),3)}	x ¹⁾			Mode 3
T2 I	x ^{1),2),3),4)}	x ^{1),2),3)}	x ¹⁾			Mode 3
GB I	x ^{1),2),3),4)}	x ^{1),2),3),4)}	x ^{1),4)}			Mode 3
	x ^{1),2),3),4)}	x ^{1),2),3),4)}	x ^{1),4)}			Mode 2
Single-sided DC						Mode 4
					TSS I	
TSS V panel plug, single-sided	x ^{1),2),4)}	IC-CPD* internal connection				
TSS I panel plug, single-sided	x ^{1),2),4)}	IC-CPD* internal connection				

→ → see arrows for examples of combinations

¹⁾ 1 ph, 16 A ²⁾ 3 ph, 16 A ³⁾ 3 ph, 32 A ⁴⁾ on request