

LEONI – Your **global partner** for local solutions

LEONI AC charging cables are manufactured worldwide and available at our plants in Europe, China and Mexico. Our products are mechanically highly resilient, very flexible, bending- and abrasion-resistant. LEONI AC charging cables are designed with 3 to 5 power cores and can be individually equipped with up to 8 control cores for signal transmission.



International standards and approvals

Global: IEC 62893 Series
Europe: EN 50620
NAFTA: UL 2263
China: GB/T 33594
Japan: PSE-LAW

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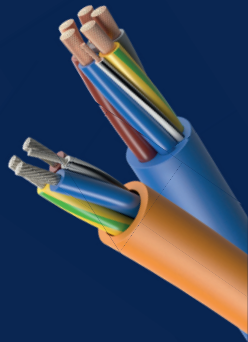
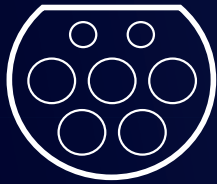
LEONI

Charging cables for electric vehicles

AC Charging - The safe charging solution for everyday use



The **suitable cable** for every charging system



Individual **design** and many years of manufacturing expertise

LEONI AC charging solutions guarantee safe charging for the domestic connection and at public charging stations as a portable cable or for fixed installation at wallboxes. Our cables support all conductive charging types available on the market. We conjointly determine the design of the cable according to your requirements and individually adapt the number of control wires and the sheath colour. Our international teams of experts will be happy to advise you.

Short delivery **distances**

Whether coiled or straight cable solutions - LEONI offers options for all common charging systems. All products can be sourced from all plants. LEONI customers benefit from our local production, short delivery routes, optimised processing times and regional raw materials, thereby reducing the CO₂ footprint.

9.6 mm

14.55 mm

LEONI AC charging cables for combined use in the European (EN50620), Chinese (GB/T33594) and international markets (IEC62893).

Portfolio name	Number of cores x cross-section [mm ²]*	Outer diameter nom. [mm]	Current [A]
LEONI EcoSense® Nxt	3x1.5+1x0.5	9.20	13
	3x2.5+1x0.5	10,00	20
	3x6.0+1x0.5	12.20	32
	5x2.5+1x0.5	12.45	20
	5x6.0+1x0.5	15.30	32
LEONI EcoSense® Nxt+	5x16+1x0.5	23.00	63
	3x1.5+1x0.5	9.60	20
	3x4.0+1x0.5	11.60	32
	5x1.5+1x0.5	11.60	20
	5x4.0+1x0.5	14.55	32

LEONI AC charging cables for use in the Japanese market (PSE-LAW).

Portfolio name	Number of cores x cross-section [mm ²]*	Outer diameter nom. [mm]	Current [A]
LEONI	3x1.5+1x0.75	11.2	13
EcoSense®	3x2.5+1x0.75	11.9	16
PSE	3x6.0+1x0.75	17.0	32

LEONI charging cables for use in the American, Canadian and Mexican markets (UL2263). In addition, these products are compatible with the NACS plug design.

Portfolio name	Number of cores x cross-section [AWG]*	Outer diameter nom. [mm]	Current [A]
LEONI EcoSense® for NACS	3x16+1x22	≈9.3	13
	3x14+1x22	≈10.1	18
	3x12+1x22	≈11.2	25
	3x10+1x22	≈12.7	50
	2x9+1x10+1x22	≈13.9	60
UL	2x8+1x10+1x22	≈15.0	70
	2x7+1x9+1x22	≈16.2	80
	2x6+1x8+1x22	≈17.5	85

*The cross-sections represent an extract, individual number of control wires according to customer requirements.