

The **next generation** of AC-charging cables

LEONI EcoSense® Nxt are optimised AC charging cables designed to make handling more comfortable. Reducing the outer diameter by an average of 4 % results in a weight saving of 6 % on average. The background and decisive factor here is the adaptation and improvement of the compound, the cores and the production process. The LEONI EcoSense® Nxt+ AC-cable generation combines the advantages of LEONI EcoSense® Nxt with power optimised cores.



LEONI EcoSense® NACS

LEONI EcoSense® Nxt/Nxt+

LEONI EcoSense® PSE

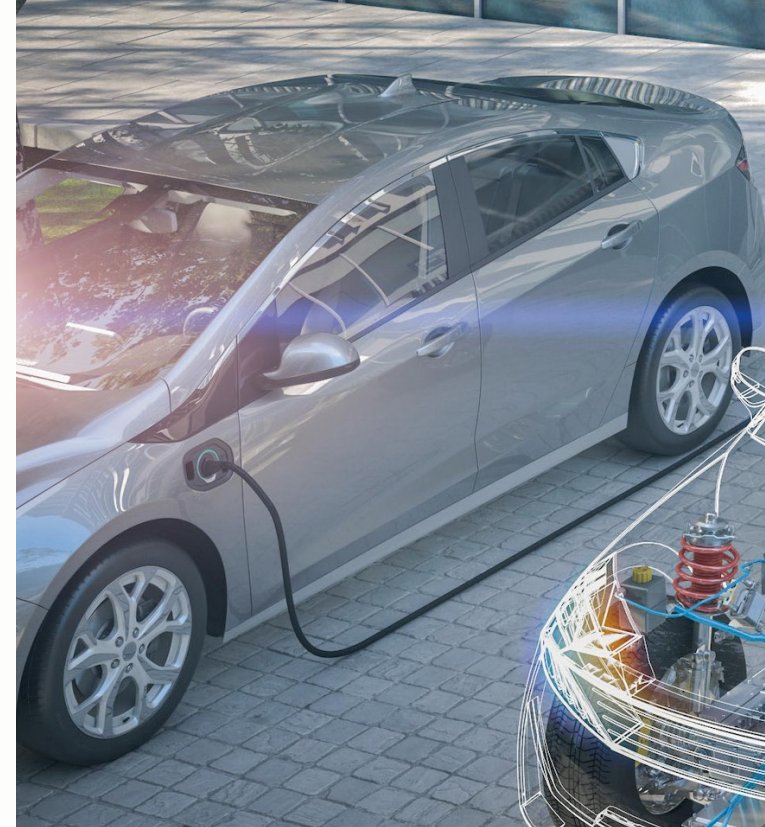
“
LEONI EcoSense®
Nxt/Nxt+:
Cable Solutions
for **167** countries
”



LEONI LCS Leading Cable Solutions

LEONI Kabel GmbH | An der Lände 3 | 91154 Roth | Germany
Telefon +49 9171 804-0
E-Mail EVC@leonicables.com
Web www.leonicables.com

in @LEONI Cable Solutions



LEONI EcoSense® Nxt
LEONI EcoSense® Nxt+

AC Charging

The smart way of charging.

LEONI LCS

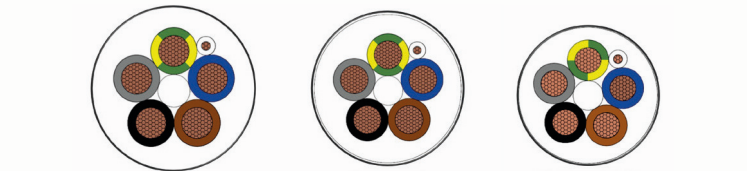
Our Mission:

**Improved Charging Processes With
Optimised Charging Cables**

Optimised Design

Power - Weight - Cross-section

Based on technical developments in the compounds used and the manufacturing process, the Nxt and Nxt+ generations are reduced in weight and cable diameter. Power-optimised copper conductors additionally reduce the cross section by app. 25 % in comparison to conventional models. The optimised design makes the cable more flexible and easy to handle.



<i>Conventional</i>	<i>LEONI</i>	<i>LEONI</i>
<i>Model</i>	<i>EcoSense® NXT</i>	<i>EcoSense® NXT+</i>

<i>Conventional</i>	<i>LEONI</i>	<i>LEONI</i>
<i>Model</i>	<i>EcoSense® NXT</i>	<i>EcoSense® NXT+</i>

<i>Conventional</i>	<i>LEONI</i>	<i>LEONI</i>
<i>Model</i>	<i>EcoSense® NXT</i>	<i>EcoSense® NXT+</i>

Optimised CO₂ Footprint

Packing density - logistics - weight reduction

Our smarter, space optimised design allows an increase in packing density of around 9 %. With lower logistical effort and weight reduction of the cable, emissions are significantly reduced, the CO₂ footprint of the product is improved.

Optimised Design to Cost

Cable diameter - materials

With reduced cable diameters and the use of optimised materials, our LEONI EcoSense® Nxt and LEONI EcoSense® Nxt+ offer our customers an attractive cost basis.

LEONI EcoSense® Nxt						LEONI EcoSense® Nxt+			
Number of cores x cross-section [mm²]	3x1.5+0.5 Nxt	3x2.5+0.5 Nxt	5x2.5+0.5 Nxt	3x6+0.5 Nxt	5x6.0+0.5 Nxt	3x1.5+0.5 Nxt +	5x1.5+0.5 Nxt +	3x4+0.5 Nxt +	5x4+0.5 Nxt+
Standard	IEC 62893 / EN 50620 / GBT 33594								
Outer diameter nom.	-4 % compared to conventional model					-9 % compared to conventional model			
Copper improvement	same as conventional model					-25 % compared to conventional model			
Cable weight	-6 % compared to conventional model					-20 % compared to conventional model			
Design features	AC charging: Type 2 Mode 2 & 3. Optimised handling and space saving: average of 6 % (Nxt) / 20 % (Nxt+) less weight than conventional cables. Prevents the release of odours. Individual jacket colour.								