

ZENS PuK 3

BUILT-IN WIRELESS CHARGER



An integrated wireless charging system that turns almost any flat surface into a wireless charging spot and ensures comfort and user-friendliness

ZENS adds an extra dimension to furniture which stands for comfort and user friendliness. No more fumbling with plugs and sockets, but an integrated wireless charger. Simply place your smartphone on top of the built-in charger and your device will be charged automatically. Simple and efficient.



ZENS PuK 3 Built-in Wireless Surface Charger

The ZENS PuK 3 makes use of the universal Qi standard for wireless charging which works on the basics of induction technology. The PuK is equipped with one very large coil which continuously detects a device's signal and starts charging automatically as soon as a Qi device is placed on top of the charger. It allows you to turn almost any flat surface into a wireless charging spot with no visual impact on design aesthetics.



About ZENS

ZENS is the innovative company which specializes in developing and producing state-of-the-art wireless charging solutions for both consumers and businesses across all industries. In 2011, ZENS joined the Wireless Power Consortium (owners of the Qi standard) as one of its first members. ZENS' headquarters are located at the High Tech Campus in Eindhoven, the innovation heart of the Netherlands. ZENS stands for ease of use, innovation and design and takes wireless charging one step further by expanding and combining wireless charging with intelligent technologies.



Surface and sub-surface installation

The ZENS PuK 3 can be installed as a surface wireless charger (1) and as a sub-surface wireless charger (2). When installed visibly, the charger is covered with a top plate that also serves to indicate the position of the charging point. The top plate can be custom branded according to your wishes. When installed invisibly, 3-5 mm below the surface, a subtle, customized label imprint, lasering or sticker can serve to indicate the position of the charging point.



Areas of use

The ZENS PuK 3 can be installed in almost any material (except steel) and is widely applicable to a wide range of usage situations. It is particularly used in bedrooms, furniture, hospitality, kitchen and the workplace, but continues to expand to other areas of use.

Specifications

Type number: **ZETC05N**
 Available as: **Surface, Sub-surface (3-5 mm)**
 Optional: **Customized top plate or iBeacon + NB-IoT upgradable L19 coil**
 Coil: **IP-43 water resistance rating**
 Body: **Aluminium**



Transmitter unit	
Input voltage	15 V DC +/- 15%
Output current	1.5 A
Charging capacity	15W
Switching frequency	110 tot 125 kHz
Operating temperature	0 to 35 °C
Storage temperature	-20 to +70 °C

Power supply	
Input voltage	100 to 240 V AC
Output voltage	15.0 V DC +/- 5%
Input frequency	50/60 Hz
Output voltage	1.6 A DC maximum
Efficiency level	Energy Efficiency Class V
Standby power	< 0.3 W
Cable length	1800 ± 50 mm