

ZENS PuK 2

BUILT-IN WIRELESS CHARGER



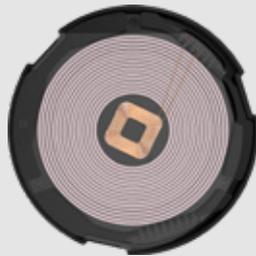
An integrated wireless charging system that turns almost any flat surface into a wireless charging spot and ensures comfort and user-friendliness

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 2 Built-in Wireless Charger

The ZENS PuK 2 makes use of the universal Qi standard for wireless charging which works on the basics of induction technology. The PuK is equipped with the largest coil possible 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 turns 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 2 Built-in Wireless Charger 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 invisible, 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 2 Built-in Wireless Charger 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, kitchens and the workplace, but continues to expand to other areas of use.

Specifications

Type number: **ZETC03N**
 Available as: **Surface, Sub-surface (3-5 mm)**
 Optional: **Customized top plate or iBeacon + NB-IoT upgradable A27 coil**
 Coil: **A27 coil**
 IP-rating: **IP-43 water resistance rating**
 Body: **Aluminium**



Transmitter unit		Power supply	
Input voltage	12V DC +/- 5%	Input voltage	100 to 240 V AC
Output current	1.0 A	Output voltage	12.0 V DC +/- 5%
Charging capacity	5W	Input frequency	50/60 Hz
Switching frequency	105 to 113 kHz	Efficiency level	Energy Efficiency Class V
Operating temperature	0 to 30 °C	Standby power	< 0.3W
Storage temperature	-20 to +70 °C	Cable length	1800 ± 50 mm