



# Wireless Charger 3.0

Powerful | Reliable | Efficient

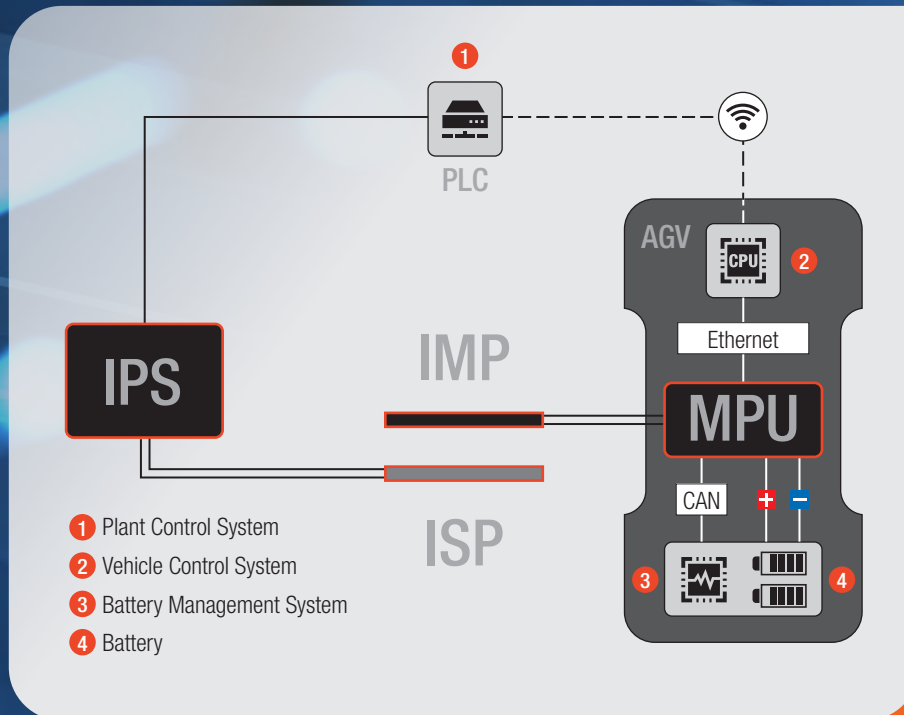


Nominal Power: 3.000 W

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**Wireless Charger 3.0** is a highly efficient power transfer system, by inductive means, ideal to provide electric power to charge batteries. **Wireless Charger 3.0** meets the ever increasing requirements modern logistic solutions ask for. Offering best-in-class charging to fully automated transport solutions, being very robust, having no vulnerable contact surfaces, providing high efficiency **Wireless Charger 3.0** allows highly dynamic and flexible transport solutions, especially when applying automated Opportunity Charging. With virtually no mechanical Wear & Tear, all this comes with an extremely competitive Total Cost of Ownership, compared to other solutions traditionally considered to provide power transfer.



**Wireless Charger 3.0** is providing implementation freedom

There is no preferred or required mounting orientation for the pads. Depending on vehicle design, available installation space and building structures in the operational environment the chargers can be installed horizontally or vertically.

## Conductix-Wampfler Batteries

The ideal complement for Wireless Charger 3.0



The **IPS** (Inductive Power Supply), is the heart and the brain of the **Wireless Charger 3.0**. It converts the 50 or 60 Hz mains frequency into a high frequency allowing highly efficient power transfer.

The **IMP** (Inductive Mobile Pad), is the matching counterpart to the ISP. Design and build are widely identical to the ISP. The **IMP** comes with a cable connection that can be easily cut to length.

The **ISP** (Inductive Stationary Pad), includes the sending coil for the power transfer and inductive communication. Horizontal and vertical arrangements are possible.

The **MPU** (Mobile Power Unit) is taking up the current induced in the **IMP** and provides a stable DC output towards the battery. The output voltage range is 21 to 59 V DC. The wireless charger can charge on demand when communication to the battery management system is active, or to set values when no communication is present.



Wireless Charger 3.0  
Floor Mounting



Wireless Charger 3.0  
Vertical Mounting, i.e. on walls or stands



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To provide you with energy and data transmission  
systems that will keep your operations up and  
running 24/7/365.

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