



WAGO Power Adapter for Parkside Battery (Li-Ion 20V System)



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Summary

A 3D printed adapter that connects Parkside 20V batteries to WAGO 221 connectors – perfect for powering small DIY or ele

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Description

This 3D printed adapter allows you to use a **Parkside 20V Li-Ion battery** as a **portable power source** via **WAGO 221 connectors**.

It features **M2 heat-set inserts**, which make the assembly solid and professional — no glue, no loose parts, just screw and go.

Perfect for powering small projects like **Arduino, LED strips, sensors, or testing circuits** when a power outlet isn't nearby.

The adapter fits the **Parkside X20V Team** battery system precisely and can be printed **without supports**.

⚙️ Printing & Assembly

Material: PETG / PLA+

Layer height: 0.2 mm

Infill: 30 %

Supports: Not required

Heat-set inserts: M2 brass

Recommended current: up to 3 A

Simply insert two wires (positive and negative), connect them to the WAGO 221 clamps, and press the adapter onto the battery — done.

⚡ **Safety note**

This adapter is intended for **low-current prototyping only**.
Do **not** use it to power tools or high-load devices.

Designer's Note

I wanted a clean and simple way to reuse my Parkside batteries for small workshop projects.

Combining them with WAGO 221 connectors turned out to be the perfect solution — safe, fast, and modular. **For someone who want this WAGO adapter for Milwaukee I made this:**

Model files



parkside_adapter.stl



wago_parkside_adapter.stl

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