USB OUTLET *Cheat Sheet*

Quickly reference quality indicators, installation recommendations and key considerations for USB charging.

Anatomy of a Fast Charge

When it comes to fast charging, the outlet, cord, and device quality and type all play a role. Here are three components to evaluate to ensure a fast charge:

USB Outlet

- USB Type-C with Power Delivery
- Integrated GaN Technology

CORD

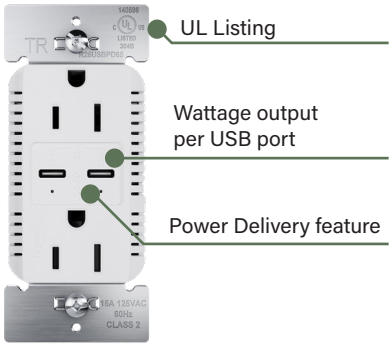
- USB Type-C
- Shorter, durable cable
- Wattage rating that matches your device

DEVICE

- Newer model
- Healthy battery
- Low power consumption

How to Identify a Cheap Imitation vs High-Quality USB Outlet

	CHEAP	HIGH QUALITY	WHY IT MATTERS
NEMA STANDARDS	Non-compliant, may exceed standards and not properly fit into a wall box	Clearly states NEMA configuration code	Fire hazard
PER-PORT WATTAGE	Unclear whether wattage is per port or combined	Clearly states wattage output per USB port	Slow device charging
MATERIALS	Lightweight plastic, potential weak thermal management	High-impact-resistant thermoplastic con-struction	May easily damage
CERTIFICATIONS	Missing UL/ETL logos	Clearly labels UL Listing	Safety hazard
BRAND	Unknown or short history	Strong reputation with history of innovation	Poor performance
TAMPER-RESISTANT	Unclear or missing	NEC-required safety for residential outlets	Safety hazard
POWER DELIVERY	May say 'fast-charging'	Clearly indicates Power Delivery feature	Slow device charging



SCAN FOR MORE INFO

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Where to Install a USB Outlet

65W

High Traffic Areas
- Ideal for laptops and tablets
- True power delivery for full-speed laptop charging

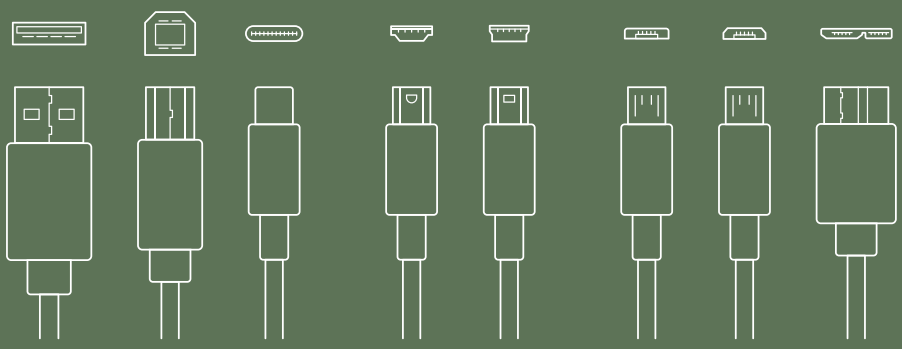
30W

Relaxation Spaces
- Ideal for tablets and smartphones
- Balanced power for everyday use

15W

Drop Zones
- Ideal for wearables
- Convenient, compact, universal charging

Guide to Identifying USB Connector Types



USB TYPE A	USB TYPE B	USB TYPE C	USB MINI A / USB MINI B	USB MICRO A / USB MICRO B	USB MICRO B SUPERSPEED
• computers • laptops	• printers • scanners • digital cameras	• laptops • smartphones • headphones • speakers	• digital cameras • gaming controllers	• smartphones • game controllers • speakers • digital cameras	• data transfers •printers • scanners

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