



Research • Develop • Innovate

RDI *q*™ GaN FAST CHARGE ADAPTER *with optional* USB-C CABLES

USB WALL CHARGERS • 30 WATTS TO 100 WATTS • USB PD 3.0 • QC 3.0



30 W SC30PD



45 W SC45PD



65 W SC65PD/D



100 W SC100PD/F

RDI *q*™ battery chargers deliver USB Power Delivery (USB PD) fast charging to a wide variety of common devices such as smartphones, tablets, laptops and portable medical devices from a standard USB-C socket. They feature Gallium Nitride (GaN) transistors in the power train, boosting their efficiency ratings over conventional MOSFET chargers and enabling smaller sizes and lower case temperatures as a result. The devices are compliant with USB PD and Qualcomm's QC systems and use adaptive charge techniques to minimize charge time while keeping the battery in a safe charge zone. The 30W, 45W & 100W adapters are equipped with a foldable plug while the 65W adapter has a fixed plug.

APPLICATIONS

- Laptops
- Smartphones
- Industrial Instrumentation
- Portable Medical Devices

FEATURES

- Charge devices up to 2 ½ times faster than conventional USB adapters
- Fast Charger with USB PD 3.0, Qualcomm QC 3.0 and USB 5V/2.4A capability
- Rugged, certified compliant USB-C cable insures optimum charging performance
- Up to 100W charge output for fast charge of USB-powered laptops
- Greater efficiency and smaller size over conventional USB wall chargers
- Defaults to conventional USB 5V/2.4A if a smart device is not being charged
- Stops fast charging when connected device is at 80% capacity to protect battery
- Connects to any NEMA 1-15R, 5-15R or 5-15R/20R AC outlet
- UL/cUL, CE listed, FCC certified