

GRL Enables Higher Wattage for USB Power Delivery 3.1 Testing

SANTA CLARA, Calif. – June 08, 2021 - [Granite River Labs \(GRL\)](#), a global leader in engineering services and test solutions for connectivity and charging, today announced expanded test capabilities for their second generation USB Power Delivery (USB PD) and USB Type-C® Tester and Analyzer, [GRL-USB-PD-C2](#), for USB PD 3.1 extended power range designs that enable delivery of up to 240 watts of power over the USB Type-C cable and connector.

The GRL USB PD 3.1 test option consists of a set of test fixtures and software license which enables early adopters to use the current C2 to verify USB PD 3.1 protocol.

The most proven and full-featured USB PD and USB Type-C test solution, GRL-USB-PD-C2's new fixed voltage profiles allow users to pre-test higher wattage mode protocol negotiations which are critical for the newest-generation charging products. The increased power range enabled in USB PD 3.1 creates additional design challenges, and early access to test equipment with expanded power capabilities is essential for USB PD market leaders to validate their new designs and reduce time to market.

“The new USB Power Delivery 3.1 specification enables devices to supply power up to 240W over a USB-C® cable and connector, which will support a wider range of solutions with higher wattage requirements beyond the previous limit 100W,” said Jeff Ravencraft, USB-IF President and COO. “New testing and validation tools with USB PD 3.1 support, such as the GRL-USB-PD-C2, are essential to facilitate the development of reliable Certified USB Charging solutions for this ever-expanding USB Type-C ecosystem.”

“We are committed to contributing to the USB ecosystem by providing early adopters the latest validation tools,” said Johnson Tan, GRL Co-Founder and CEO. “The USB PD 3.1 solution is based on our approved USB PD tester that offers our customers an affordable early solution in addition to deep debug and compliance testing automation of the GRL-USB-PD-C2.”

More details can be found at <https://graniteriverlabs.com/usb-pd-c2/> and [GRL C2 USB PD 3.1 test option](#).

Availability:

GRL USB PD 3.1 test option is available for immediate purchase. Contact Granite River Labs at info@graniteriverlabs.com.

About [Granite River Labs \(GRL\)](#)

The world's leading Engineering Services and Test Automation Solutions firm for connectivity and charging, GRL helps engineers solve tough design and validation challenges. GRL began in 2010 with a vision to provide affordable test services to help hardware developers implement digital interface technologies as they become faster, more complex, and more challenging to test. Today, GRL has worked with hundreds of companies supporting the adoption of new and emerging technologies from their worldwide test facilities and R&D centers. Learn more at <http://graniteriverlabs.com/>

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