

# USB-Bug™ USB Tester and Data Masker

**Designed to test the power, voltage, and current of USB 2.0 or USB 3.0 charging ports.**

## Features:

- Connect the USB-Bug inline between the power source and the device you are trying to charge.
- Test Power (0 to 99.9W), Voltage (3.2 to 30VDC) and Current (0 to 3A) on USB 2.0 and USB 3.0 charging ports with over-voltage, under-voltage and over-current indicators
- Measure capacity (in mAh) to verify output of portable battery pack
- This displays as a cumulative number and is useful when determining how quickly/effectively a portable battery charger is working.
- Built-in Smart Chip for Intelligent Charging that allows it to determine the safest maximum current your PD can accept.
- Dual output for charging two USB devices off of one USB 3.0 port; One port is a specially designed masked port to charge your phone or tablet without any data being transferred



## Specifications

USB PLUG	(1) USB-A Male Plug
USB Port Parameters	(2) USB-A ports (1 with data and power pass through; the other only power pass through)
Operating Voltage	3.2-30VDC
Over Voltage Indicator	Greater than or equal to 5.6 VDC
Under Voltage Indicator	Less than or equal to 4.4VDC
Current	0 to 3A
Over Current Indicator	Greater than or equal to 5.6VDC
Working Current	Less than 20mA
Measurement Accuracy	±1%
Measurement Rate	2 readings/second
USB Cable Length	~4.7" (120mm)
Dimensions	2.7 x 1 x 4.7" (69 x 26 x 120mm)



## Ordering Information:

USB-Bug      USB-Bug, USB Tester and Data Masker