

THE NEXT GENERATION OF 2-IN-1 HIGH PRECISION POWER MONITORING HARDWARE AND BENCHTOP POWER SUPPLY IS HERE

Eliminate the need to buy a separate power supply and power monitoring device. Save space and test setup cost using the highly scalable solution of Monsoon High Voltage Power Monitor (HVPM).

POWERFUL SOFTWARE

Full featured Windows GUI-PowerTool. Multiple APIs support for Linux, Mac and Windows platforms which allow for fully-automated testing

WIDE VOLTAGE AND CURRENT RANGE

Main Channel- Output Voltage Range 0.8-13.5 V
USB- Up to 5.5 V
Aux Channel -Up to 13 V supplied externally
0.01 V Increments
Continuous Current 6 A

PORTABLE MODULAR DESIGN

Very flexible; Can be deployed individually at a single workstation or scaled up to rack mount style configurations for large scale testing

HIGH ACCURACY

Main Channel- Fine Current Range 50µA-60 mA; Resolution 0.9 µA (+/- 50µA) in low current measurements
Coarse Current Range 60mA-6A; Resolution 125 µA

WIDE APPLICATIONS

Development and testing of Smartphones, Tablets, Software App, Automotive, IOT devices with respect to Battery drain

APPLICATION HIGHLIGHTS



INDUSTRY LEADING CERTIFICATIONS

UL, FCC and CE certified

AFFORDABLE

BRIEF SPECIFICATIONS

- Size: 8 in x 6 in x 2 in (20 cm x 15 cm x 5 cm)
- Weight: 1.1 lb (0.5kg)
- Input power 115V to 240V, 47-63Hz
- Main channel 0.8V to 13.5V range
- USB channel 2.1V to 5.4V
- Aux channel input 0.5V to 13V
- UL, CE, FCC certified

TYPICAL USE CASES

- Smartphones, Tablets or Laptops
- Smartphone Apps
- Internet of Things (IoT) Devices, Medical Devices
- USB Devices
- Automotive Sub-circuits
- Prototype Designs
- Power measurement of Arduinos, Raspberry Pi and Microcontrollers
- Burn in testing

WHAT'S INCLUDED?

- High Voltage Power Monitor (HVPM)
- Power supply
- 2 alligator clips
- 2 USB cables
- Information card with links to PowerTool software and support documentation