

i-PPSuM

Precision Power Supply Module

Highly accurate, LAN controllable and adjustable power supply with multiple isolated outputs is highly useful in product testing and calibration.

Small size makes i-PPSuM ideal for various testing environments.



What is it

i-PPSuM is a LAN controllable programmable precision power supply module which can be used in both constant voltage and constant current mode.

It is equipped with an integrated controller which transfers highly accurate calibration and control values to external power supply. The inrush current protection minimizes possible power surge to external power supplies.

i-PPSuM can be integrated in Chameleon test platforms and other test environments, or it can be used as a stand-alone measurement device.

Where's the Benefit

i-PPSuM provides extremely accurate results for voltage and current measurement, which increases the product quality.

Controlling via LAN enables fast and easy set-up and usability.

Select i-PPSuM - a power supply module in small size and accompanied with extreme precision.

More information:

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Technical Data

Technical Details

- Dimensions (l x d x h)
129x163x44mm
(5.08x6.42x1.73in)
- Operating temperature 18-40°C
(64-104°F)
- Input voltage 0-13VDC
- Input voltage ripple (max. output load) 200mV
- Output power 50W
- Output current 5A
- Output voltage range 0-10V
- Inrush current protection
- Controlling via LAN
- CE safety compliant

- Storage temperature -40-85°C
(-40-185°F)
- Isolation voltage between input and output 200VDC
- Isolation voltage between outputs 200VDC

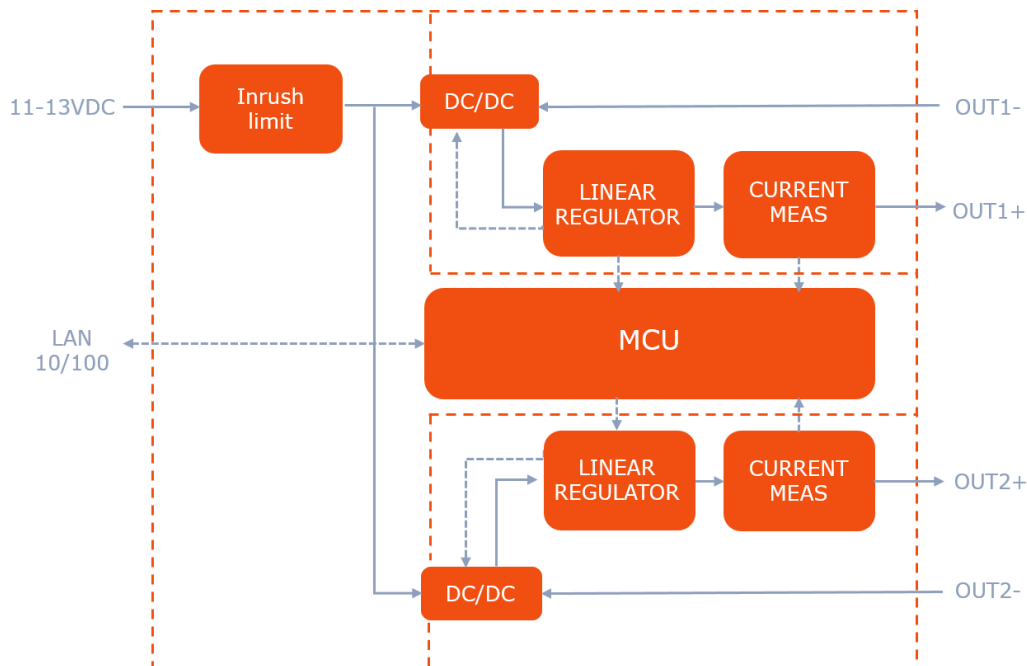
Use Cases

- Battery Power
- Charger Power

Test Features

- Two isolated high current output voltages
 - Precision current measurement
 - Source and sink current
 - Low ripple voltage
 - Current limit
 - Constant current mode
 - Current sink up to 2A
- Output current measurement accuracy
 - 5A range 0.2%+200uA A
 - 50mA range 0.2%+5uA A

Functional Diagram



More information: