

Volts / Amps Meter (Self Powered)



- Self powered from input voltage
- DC/DC Current Transducer eliminates need for shunt in basic version
- 2x 16 character LCD display
- DC input from 10.5V to 150V
- DC current up to 60A
- Bi-directional current sensing
- Flexible mounting options, eg. DIN rail
- Provides good indication of system status

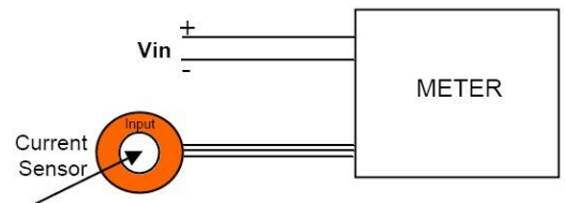


Specifications

Input Voltage / Current	10.5- 150V DC , 0 - 60A DC
Voltage resolution	± 1 digit or $\pm 1\%$
Current Resolution	± 2 digit or $\pm 5\%$ (in practice this equates to $\pm 1A$) , SR-METERV2/SHUNT: ± 2 digit or $\pm 2\%$ (in practice this equates to $\pm 0.2A$)
Operating temperature	0 to 40° C ambient
Mounting Options	Enclosed for DIN Rail mount or freestanding , Unenclosed for DIN rail mounting in equipment box or 19" rack mount module
Dimensions (enclosed version)	105mm W x 90mm L x 80mm D

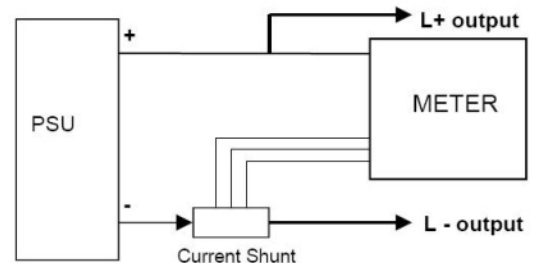
Digital Panel Meter connection with current transducer

The current carrying positive conductor is passed through the core of the current sensor, from the side marked 'Input' . The measured voltage is also the operating supply.



Digital Panel Meter connection with current shunt

The current shunt must be fitted on the negative of the PSU output.



Installation Note for System voltage > 80V

Internal Jumper to be removed if normal operating voltage is above 80VDC



Model Selection Table

Model Number	Transducer Type	Current Range	Voltage Range	Package Style
+METERV2	Current Transformer	0 - 60A DC	10.5 - 150V DC	Enclosed Din Rail Mount
SR-METER	Current Transformer	0 - 60A DC	10.5 - 150V DC	Open panel mount installation only
SR-METERV2/SHUNT	Shunt resistor	0 - 60A DC	10.5 - 150V DC	Open panel mount installation only