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Netbiter® DC Power Monitor™

The Netbiter DC Power Monitor is an add-on to the Netbiter remote management solution. By connecting a Power Monitor to your Netbiter gateway you can remotely monitor the DC power in a battery pack or other power source and also track the temperature at your installation. The Netbiter Power Monitor is a great tool for increasing energy awarnes and reducing energy costs.

Technical features

- ✔ Track energy consumption of DC power sources
- ✔ Detect abnormal power consumption
- ✔ Modbus RTU Slave with RS-485 communication
- ✔ Fully compatible with Netbiter EasyConnect and WS series for communication over Ethernet, GSM and GPRS
- ✔ Pluggable terminal blocks
- ✔ LED Indicators
- ✔ Switch for Modbus address setting on the front
- ✔ DIN rail mounting
- ✔ External HALL sensor for current measurments included
- ✔ Automatic saving in case of power loss

Online access to DC power and temperature

The Netbiter Power Monitor is an easy-to-use and inexpensive solution for monitoring power and temperature in your installation. It is ideal for a wide variety of applications working with DC power, such as Base Transceiver Stations, renewable energy and uninterruptible power supply (UPS), in order to verify the effect of energy saving measures. Designed for industrial applications, the DIN-rail mountable Power Monitoring Extender can be connected to other Modbus equipment in a multi-drop installation topology.

netbiter argos

The Netbiter Power Monitor is used together with a Netbiter gateway to monitor DC Power consumption. The Netbiter gateway sends data over Ethernet, Internet or cellular networks. The values show up immediately in an online dashboard without you having to visit the site.

3 YEAR GUARANTEE

HMS provides a full 3 year product guarantee from date of shipment.

netbiter® *Save time, save energy, save resources!*   www.netbiter.com

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TECHNICAL SPECIFICATIONS

Desription	Netbiter DC Power Monitor
Order code	NB3000
Power supply	12-24 V DC, isolated
Operating temperature	-30 °C to 65 °C
Dimensions W×H×D	35 × 57 × 88 mm (without connectors)
Mounting	DIN rail
Cable length	**HALL sensor** 2 m

COMMUNICATION

Serial port	RS485 Modbus, isolated
Baudrate	1 200 to 115 200
Parity	No parity
Data bits	8 data bits
Stop bit	1 stop bit

MEASURING RANGE

Voltage	1 to 90V
Current	-20 to 80A
Power	0 to 7 200W
Temperature	-55 °C to 125°C

ACCURACY

Voltage	1 to 10V +/- 1% RDG +5DGT 10 to 90V +/- 1% RDG +3DGT
Current	-5 to 5A +/- 1,5% RDG +6DGT -20 to -5 and 5 to 80A +/- 1,5% RDG +5DGT
Power	+/- 3% RDG +5DGT
Temperature	-10°C to 85°C +/- 0,5°C -55°C to +125°C +/- 2°C

RESOLUTION

Voltage	0,1V
Current	0,1A
Power	1W
Temperature	0,1°C

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