

## intelliAmp



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IT managers are now under increasing pressure to reduce the carbon footprint of their Data Centres and Server Rooms. Unfortunately the power monitoring tools currently available are not always practical to implement. Downtime typically needs to be scheduled and the failure of any of these devices can result in power loss to rack equipment.



### Key Features

- True RMS current monitoring for optimal current readings
- No downtime required for installation
- Multiple sensors can be monitored from a single monitoring device
- Small size means intelliAmp can be installed almost anywhere
- No additional network point-of-failure
- Monitors 16A and 32A Cables
- Maintenance-free

The Jacarta intelliAmp Current Probe is a superb new alternative to inline power monitoring devices. The intelliAmp simply clips around 16Amp and 32Amp cables to enable current draw of rack equipment to be monitored with zero downtime.

The intelliAmp's unique optimisation system helps to ensure that the sensor is ideally positioned to obtain accurate readings. Once in place no further maintenance or configuration is required.

The small size of the intelliAmp ensures that it can be integrated unobtrusively into the IT environment.

Data can be collected from multiple intelliAmp sensors via a compatible monitoring device, such as interSector iMeter, via a Cat5E connection.

The intelliAmp's design means it does not present an additional point of failure on the network.



### intelliAmp—Specifications

Weight (g):	80
Dimensions (mm):	44 (w) x 60(h) x 55 (d)
Sampling rate:	10,000 per second 50Hz
Max Interface Cable Length:	10m
LED:	10 segment LED used for calibration
Monitoring Type:	True RMS
Warranty:	1 Year

- Cable/Power Requirements for intelliAmp:
  - ⇒ Cable: AWG12, AWG14, 3G4 and 3G2.5 3-core power cable
  - ⇒ Typical Cable Ratings: 120v/20A, 208v/20A, 230v/16A, 120v/30A, 208v/30A, 230v/32A
  - ⇒ Max Cable Diameter: 13.6mm\*
  - ⇒ Current: 0-32A
  - ⇒ Frequency: 50 & 60 Hz

NB. Minimum load to achieve optimised installation: 1AMP (Recommended 1.5A)

\* Please contact us should you wish to monitor cables larger than 13.6mm

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