

# Non-Intelligent PDUs vs. Intelligent PDUs

## Finding A Better Long-Term Value

**LET'S BEGIN WITH** the basics: A non-intelligent rack power distribution unit (PDU) is a device fitted with many outlets. Those outlets distribute electric power to servers, storage devices, and networking equipment located within racks or cabinets in a data center. The stable and reliable power PDUs deliver help to ensure business continuity.

An intelligent rack power distribution unit (iPDU) also delivers stable and reliable power to equipment. But unlike the non-intelligent PDU, it also offers advanced features like

power metering, environment monitoring support, and remote outlet control. iPDUs are more expensive but offer a better long-term value than their non-intelligent cousins.

One of the main reasons that buyers opt for non-intelligent PDUs is that they generally cost less than iPDUs. For buyers with smaller budgets, a lower price point can be the deciding factor. Or buyers may be skeptical about the added value iPDUs can provide. Or they may think that their organizations do not have the time or resources to leverage them.

But consider a common challenge such as power capacity management. When using non-intelligent PDUs, technicians must make manual calculations to determine where new equipment should go. A miscalculation could lead to blown fuses and unplanned downtime, which on average cost \$7,908 per minute in 2013.

iPDUs prevent these incidents by continuously metering the rack PDU branch circuits and providing real-time data about how much power is actually available. It's just one of several ways that iPDUs

offer a better value, while helping you to contain operating costs and meet new business demands **P**

### Raritan Intelligent PDUs

- Real-time remote power monitoring of current, voltage, and more
- Hundreds of models available with features like outlet-level metering and switching



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