

The intelligent PDU of the power distribution unit can perform full power monitoring, as well as position control monitoring, temperature and humidity controller, smoke and water leakage monitoring, and transmission of alarm signals. It can upload data through various channels.

Product Description:

An intelligent PDU goes beyond distributing power to IT equipment within the data center. It is capable of monitoring, managing, and controlling power consumption to multiple devices. The intelligent PDU provides data center professionals with remote network access to real-time critical infrastructure data to help drive informed decision making to ensure maximum availability and to meet important efficiency requirements.

There are four types of intelligent PDUs; these are Metered, Monitored, Controlled and Monitored and controlled.



Product Function Comparison Table:

Major function	Metered PDU	Monitored	Controlled PDU	Monitored and controlled PDU
Remote monitoring of PDU total current, voltage, power, energy, and power factor	✓	✓	✓	✓
Remote monitoring of the current, voltage, power, and energy of each output jack		✓		✓
Remote control to close, disconnect, or restart each output jack			✓	✓
The output jack can be set with power on/off delay and the power on/off sequence of each branch			✓	✓
Customizable threshold values for total current and voltage	✓	✓	✓	✓
Customizable threshold settings for branch current and voltage		✓		✓
External sensors can be connected to monitor the microenvironmental parameters inside the cabinet	✓	✓	✓	✓
Support NET network port communication	✓	✓	✓	✓

Technical parameters:

Name	Technical specifications and parameters
PDU Type	Basic
InputVoltage	100-240V/200-415V;
Input plug	IEC60309,NEMA,CS8365 ,etc
Capacity	1P:16A-63A, 3P:3*16A-63A;
Output Voltage	100-240V;
Output jack type	IEC-320C19, IEC-320C13, Chinese standard 10A, 10A Chinese standard 16A, NEMA 5-15R,NEMA5-20R, NEMAL6-30R, etc
Shell material	Aluminum alloy profile shell (color optional);
matters needing attention	Please pay attention to the nominal rated values of each part of the product to avoid overloading;