Inova Xpert Series - Metered Input and Switched Per Outlet PDU

SKU: M2S0016-08N10FRSE1

1U, 3.7 kVA, 100 - 240 Vac, 1Ph, 16 A, (8) C13 IEC Socket,
IEC 60309 2P+E 6h 16A (IP44) plug with 3m 3 x 2.5mm^2 power cord

PRODUCT DESCRIPTION

The **Metered Input and Switched Per Outlet（MS）PDU** provides real-time monitoring of input power while allowing individual outlet control. It displays the total input current and enables remote on/off switching for each outlet through Web UI or SNMP. This flexible solution helps prevent overloads with customizable alarms, ensuring the safety of your equipment. Built with a durable all-metal design and secure rackmount installation, it offers reliable, long-term performance and easy setup.



PRODUCT FEATURES

- Real time input power monitoring, and switch per outlet or group.
- Max. 16A input current and 3.7kVA input power.
- IEC 60309 2P+E 6h 16A (IP44) plug with 3m cables.
- (8) IEC 60320 C13 sockets without magnetic circuit breaker.
- 1U Design Fit with Standard IT Cabinet.
- Manage and configure via Web UI, CLI, or SNMP.
- Email notifications for system events and auto-sync logs to a designated server.
- Environmental monitoring port for temperature and humidity.
- Security protocols for authentication and encryption, with multi-level access (Admin, Super User, Read Only).
- Upgrade to a Gigabit Network Card.

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SPECIFICATIONS

Category	Details
Model Number	M2S0016-08N10FRSE1
PDU Type	Metered Input and Switched Per Outlet
Part Number	M2S0016-08N10FRSE1
Mount Style	1U, horizontal
Housing	Sheet metal（Black）
Unit Dimensions（W/O L Bracket）	1.73 x 16.93 x 5.91 in (44 x 430 x 150 mm)
Unit Dimensions（W/ L Bracket）	1.73 x 18.31 x 5.91 in (44 x 465 x 150 mm)
Unit Weight	5.51 lb (2.5 kg)
Input Voltage	100-240 Vac, Single Phase
Input Current	Max. 16A
Input Frequency	50/60 Hz
Input Power	3.7 kVA
Input Connector	IEC 60309 2P+E 6h 16A (IP44) Plug
Input Cord Length	3 x 2.5 mm^2 *3 m
Output Voltage	100-240 Vac
Output Connectors（QTY）	IEC socket - C13(10A) *8
Controller Feature	Hot-Swap, rotated 180°
Local User Interface	Color TFT LCD, English, 0°/180° screen rotation
Local User Control	3 buttons for menu, 1button for reset
Functional Ports	Gigabit Ethernet Port, USB, RS485, H/T Series, Daisy Chain
Measurement Accuracy	1% for current, voltage, and power（total input）
Initial Measurement（mA）	100
Power On Interval	1-60s interval
Remote Switching	Individual outlet remote power on/off control
Switching Grouping	Outlet level grouping and control

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SPECIFICATIONS

Category	Details
Network Features	HTTP/HTTPS（TLS 1.2）, Modbus-TCP/IP, SNMP V1/ V2c/ V3, SMTP, SNTP, USB FW upgrade
User-customizable Alarms	Voltage, current, temperature, humidity thresholds; audible alarm on trigger
Multiple Accounts Login	Up to 10 simultaneous sessions, auto logout on timeout
Cascade Connection	Up to 32 devices sharing an IP
Role-Based Access	Admin, Super User, Read Only
Log Event	Logs up to 400 key operations
Password Strength	Manual login with enforced password strength
Encryption	RSA-1024, RSA-2048, ECC SECP256, ECC SECP384, ECC CURVE448
Denial of Service Protection	Limits connections per host
Operating Temperature	-5° to +60°C
Operating Humidity	5-95% RH, non-condensing
Operating Altitude	0-2000 m（0-6666 ft）
Storage Altitude	1-15000 m（0-50000 ft）
Safety & Compliance	RoHS, REACH
Warranty Period	2 years（Worldwide）

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