



## Inova Xpert Series - Metered and Switched Per Outlet PDU

SKU: INV100A-M6TW080-24B10KTSU0

0U, 69 kVA, 200-240/346-415 Vac, 3Ph, 100A, (24) C39 Combo Lockable Socket  
IEC 60309 3P+N+PE 100A (IP67) plug with 3m 5 x 2 AWG power cord

### PRODUCT DESCRIPTION

The **Metered and Switched Per Outlet (MSPO) PDU** provides real-time load monitoring and individual outlet control, accessible via network or serial connection. It displays the total input current, individual or group outlet power data and enables remote on/off switching for each outlet through Web UI or SNMP. It features branch circuit protection and is available in various voltages and amperages to suit diverse power needs. 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

- High Density Power Application.
- Real time individual load power monitoring and switch per outlet or group.
- Max. 100A input current and 69kVA input power.
- IEC 60309 3P+N+PE 100A (IP67) plug with 3m cables.
- (24) IEC 60320 C39 combo lockable sockets with (15) magnetic circuit breakers.
- 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).



## Category

## Details

Model Number	INV100A-M6TW080-24B10KTSU0
PDU Type	Metered and Switched Per Outlet
Part Number	M6TW125-24B10KTSU0
Mount Style	0U, vertical
Housing	Sheet metal (Black)
Unit Dimensions (W/O L Bracket)	70.87 x 3.74 x 3.94 in (1800 x 95 x 100 mm)
Unit Dimensions (W/ L Bracket)	74.12 x 3.74 x 3.94 in (1880 x 95 x 100 mm)
Unit Weight	17.64 lb (8.0 kg)
Input Voltage	200-240/346-415 Vac, 3PH, WYE
Input Current	Max. 100A, rated 80A
Input Frequency	50/60 Hz
Input Power	69 kVA
Input Connector	IEC 60309 3P+N+PE 100A (IP67) plug
Input Cord Length	5 x 2AWG *3m
Output Voltage	200-240 Vac
Output Connectors (QTY)	Combo lockable socket - C39(16A) *24
Protection (QTY)	Magnetic circuit breaker *15
Controller Feature	Hot-Swap
Local User Interface	Color TFT LCD, English, 0°/180° screen rotation
Local User Control	3 buttons for menu, 1button for reset
Functional Ports	Fast 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

## 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 16 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, CE
Warranty Period	2 years (Worldwide)