



M-PDU

Data Center Rack Power Distribution Unit



Intelligent



Safe



Green





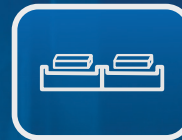
Modular Rack PDU

Secure Connection to Network Power

Benefits



High Cost Performance



Extreme Flexibility



Long-lasting Service Lifetime



Fast Delivery

Key Features



High Temperature Rating

0-60°C operating temperature range to face the harshest environment challenge.



2.8" Rotatable TFT LCD Display

Largest color display in industry, more easy for parameter reading. Orientation changeable according to PDU mounting.



Hot-swappable and replaceable controller and output modules

Full modular structure design for easy field maintenance, free output module combination offers extreme flexibility to meet all kinds of rack power needs.



2-dimension Upgrade Capability

MPDU can be upgraded from circuit monitored level to per port managed level by changing its controller and output modules; It can also be upgraded to the next-gen PDU in future development.



Patented Locking Outlets

Self-designed locking outlets to ensure a secure connection and avoid down-time.



Precision Environment Monitoring

Standard 2 temperature/humidity ports with up to 6 more ports extension capability.



Key Technical Features

Main functions	Descriptions	Product series			
		Monitored (MA)	Per Port Monitored (MB)	Switched (MC)	Per Port Monitored & Switched(MD)
System	HTTP, HTTPS, TLS, SSL, TELNET, TCP, SNMP v1/v2/v3, IPv4, IPv6, DHCP, ARP, ICMP, UDP, DNS, SMTP, SMTPS, SNTP	•	•	•	•
	Support mass deployment, centralized management, group configuration and upgrade	•	•	•	•

MPDU Standard Models

	Model	Rack Space	Input Voltage	Derated AMP	Max AMP	Input Plug	# of Bank	Outlet
Monitored PDU(MA)	MA H1108-0800	1U/0U	100-240V	16A	16A	IEC 60320 C20	1x16A	8xIEC 60320 C13
	MA H1228-0800	1U/0U	100-240V	32A	32A	IEC 60309 32A	2x16A	8xIEC 60320 C13
	MA 1342-3606	0U	100-240V	32A	32A	IEC 60309 32A	2x16A	21xIEC 60320 C13+ 3xIEC 60320 C19
	MA 3324-1806	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MA 3324-1806	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MA 3324-1806	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
Per Port Monitored PDU(MB)	MB H1108-0800	1U/0U	100-240V	16A	16A	IEC 60320 C20	1x16A	8xIEC 60320 C13
	MB H1228-0800	1U/0U	100-240V	32A	32A	IEC 60309 32A	2x16A	8xIEC 60320 C13
	MB 1342-3606	0U	100-240V	32A	32A	IEC 60309 32A	2x16A	21xIEC 60320 C13+ 3xIEC 60320 C19
	MB 3324-1806	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MB 3324-1806	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MB 3324-1806	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
Switched PDU(MC)	MC H1108-0800	1U/0U	100-240V	16A	16A	IEC 60320 C20	1x16A	8xIEC 60320 C13
	MC H1228-0800	1U/0U	100-240V	32A	32A	IEC 60309 32A	2x16A	8xIEC 60320 C13
	MC 1324-2103	0U	100-240V	32A	32A	IEC 60309 32A	2x16A	21xIEC 60320 C13+ 3xIEC 60320 C19
	MC 1324-2004	0U	100-240V	32A	32A	IEC 60309 32A	2x16A	20xIEC 60320 C13+ 4xIEC 60320 C19
	MC 1324-1806	0U	100-240V	32A	32A	IEC 60309 32A	2x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MC 1624-2103	0U	100-240V	63A	63A	IEC 60309 63A	4x16A	21xIEC 60320 C13+ 3xIEC 60320 C19
	MC 1624-2004	0U	100-240V	63A	63A	IEC 60309 63A	4x16A	20xIEC 60320 C13+ 4xIEC 60320 C19
	MC 1624-1806	0U	100-240V	63A	63A	IEC 60309 63A	4x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MC 3124-2103	0U	200-400V	3x16A	3x16A	IEC 60309 16A	3x16A	21xIEC 60320 C13+ 3xIEC 60320 C19
	MC 3124-2004	0U	200-400V	3x16A	3x16A	IEC 60309 16A	3x16A	20xIEC 60320 C13+ 4xIEC 60320 C19
	MC 3124-1806	0U	200-400V	3x16A	3x16A	IEC 60309 16A	3x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MC 3324-2103	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	21xIEC 60320 C13+ 3xIEC 60320 C19
	MC 3324-2004	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	20xIEC 60320 C13+ 4xIEC 60320 C19
	MC 3324-1806	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MC 3324-1806	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
Per Port Monitored & Switched PDU(MD)	MD H1108-0800	1U/0U	100-240V	16A	16A	IEC 60320 C20	1x16A	8xIEC 60320 C13
	MD H1228-0800	1U/0U	100-240V	32A	32A	IEC 60309 32A	2x16A	8xIEC 60320 C13
	MD 1324-2103	0U	100-240V	32A	32A	IEC 60309 32A	2x16A	21xIEC 60320 C13+ 3xIEC 60320 C19
	MD 1324-2004	0U	100-240V	32A	32A	IEC 60309 32A	2x16A	20xIEC 60320 C13+ 4xIEC 60320 C19
	MD 1324-1806	0U	100-240V	32A	32A	IEC 60309 32A	2x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MD 1624-2103	0U	100-240V	63A	63A	IEC 60309 63A	4x16A	21xIEC 60320 C13+ 3xIEC 60320 C19
	MD 1624-2004	0U	100-240V	63A	63A	IEC 60309 63A	4x16A	20xIEC 60320 C13+ 4xIEC 60320 C19
	MD 1624-1806	0U	100-240V	63A	63A	IEC 60309 63A	4x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MD 3124-2103	0U	200-400V	3x16A	3x16A	IEC 60309 16A	3x16A	21xIEC 60320 C13+ 3xIEC 60320 C19
	MD 3124-2004	0U	200-400V	3x16A	3x16A	IEC 60309 16A	3x16A	20xIEC 60320 C13+ 4xIEC 60320 C19
	MD 3124-1806	0U	200-400V	3x16A	3x16A	IEC 60309 16A	3x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MD 3324-2103	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	21xIEC 60320 C13+ 3xIEC 60320 C19
	MD 3324-2004	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	20xIEC 60320 C13+ 4xIEC 60320 C19
	MD 3324-1806	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	18xIEC 60320 C13+ 6xIEC 60320 C19
	MD 3324-1806	0U	200-400V	3x32A	3x32A	IEC 60309 32A	6x16A	18xIEC 60320 C13+ 6xIEC 60320 C19

Key Technical Features

Main functions		Descriptions	Product series			
			Monitored (MA)	Per Port Monitored (MB)	Switched (MC)	Per Port Monitored & Switched(MD)
Monitor	Input	Input current (Amps)	•	•	•	•
		Input coltage (Volts)	•	•	•	•
		Energy(kWh)	•	•	•	•
		Power(kW)	•	•	•	•
		Power factor	•	•	•	•
	Output	The current / energy / power of indiviual outlet or outlet groups		•		•
		The current / energy / power of circuit breakers	•	•	•	•
		On / off status of circuit breakers	•	•	•	•
Control	Output	Cabinet temperature / humidity monitoring at 2 spots	•	•	•	•
		RJ45 / RS485 expansion slot	•	•	•	•
		Switch on / off individual outlet or outlet groups			•	•
Threshold settings	Input / Output	Active overload protection			•	•
		Threshold settings of input current/voltage	•	•	•	•
		Threshold settings of indiviual outlet / outlet groups current		•		•
		Return to zero settings for total or circuit breaker Energy	•	•	•	•
		Threshold settings of circuit breaker current	•	•	•	•
		Threshold settings of individual outlet / outlet groups voltage		•		•
		Schedule invidual outlet / outlet groups event or power on / off delay			•	•
	System	Outlet group settings		•		•
		Threshold of temperature / humidity settings	•	•	•	•
		Quick set-up and back up	•	•	•	•
		Email alarm notification	•	•	•	•
		Network configuration	•	•	•	•
	User manage-ment	User access permission settings	•	•	•	•
		Outlet access permission settings			•	•
Alarm	Alarm type	Energy return to zero permission settings	•	•	•	•
		Low / high voltage alarm	•	•	•	•
		Overload or near overload alarm for input current	•	•	•	•
		Overload or near overload alarm for individual outlet or outlet groups		•		•
		Overload or near overload alarm for circuit breaker current	•	•	•	•
	Alarm method	Local LCD screen display	•	•	•	•
		Buzzer sounds	•	•	•	•
		Logic port singal output	•	•	•	•
		Web interface alarm	•	•	•	•
		Email alarm notifications	•	•	•	•
		SNMP trap	•	•	•	•
		Web monitoring, PC browser	•	•	•	•
Access method		SNMP (v1/ v2/ v3)	•	•	•	•
		ModBus	•	•	•	•
Logs		Input voltage, input current and output current alarm	•	•	•	•
		Temperature / humidity alarm	•	•	•	•
		User logging-in operation	•	•	•	•
		Settings & configuration	•	•	•	•
		Delete user	•	•	•	•
		Create new user	•	•	•	•
		Switch on / off / reboot	•	•	•	•
		Export the logs	•	•	•	•
		Multi-user operation system, compatible with various browsers	•	•	•	•
System		Keep the former on/off state after reset			•	•
		Support remote and batch upgrade	•	•	•	•
		Hot-Swappable NMC (Network Management and Control) Module; Replaceable Outlet Module	•	•	•	•
		Multi-user with different level of user access accounts	•	•	•	•

PDU Outlets can be freely grouped

English | 中文

Overview Device Settings User Management Network Data Graphing Logs System

Device Settings

Basic Settings

Group Settings

Outlet Settings

Time Switch

Super Power

Sensor Settings

Energy Settings

Outlet Control

Outlet Settings

Device Select: RPD01

Item	Name	Current(A)	Min(A)	Lower(A)	upper(A)	Max(A)	Save
1	Output1	0.0	0.0	0.0	10.0	16.0	Save
2	Output2	0.0	0.0	0.0	10.0	16.0	Save
3	Output3	0.0	0.0	0.0	10.0	16.0	Save
4	Output4	0.0	0.0	0.0	10.0	16.0	Save
5	Output5	0.0	0.0	0.0	10.0	16.0	Save
6	Output6	0.0	0.0	0.0	10.0	16.0	Save
7	Output7	0.0	0.0	0.0	10.0	16.0	Save
8	Output8	0.0	0.0	0.0	10.0	16.0	Save
9	Output9	0.0	0.0	0.0	10.0	16.0	Save
10	Output10	0.0	0.0	0.0	10.0	16.0	Save
11	Output11	0.0	0.0	0.0	10.0	16.0	Save
12	Output12	0.0	0.0	0.0	10.0	16.0	Save
13	Output13	0.0	0.0	0.0	10.0	16.0	Save
14	Output14	0.0	0.0	0.0	10.0	16.0	Save
15	Output15	0.0	0.0	0.0	10.0	16.0	Save
16	Output16	0.0	0.0	0.0	10.0	16.0	Save
17	Output17	0.0	0.0	0.0	10.0	16.0	Save
18	Output18	0.0	0.0	0.0	10.0	16.0	Save
19	Output19	0.0	0.0	0.0	10.0	16.0	Save
20	Output20	0.0	0.0	0.0	10.0	16.0	Save
21	Output21	0.0	0.0	0.0	10.0	16.0	Save
22	Output22	0.0	0.0	0.0	10.0	16.0	Save
23	Output23	0.0	0.0	0.0	10.0	16.0	Save
24	Output24	0.0	0.0	0.0	10.0	16.0	Save

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Firmware system can generate graphs to show the status of past 24hours

English | 中文

Overview Device Settings User Management Network Data Graphing Logs System

Logs

Logs Record

History Data

Energy Record

History Data Display

Date select: 2016-08-26 Device select: RPD01 Type select: Total Power View

Total Power Query status display

0.06kW

0.04kW

0.02kW

0kW

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

Total Power

Export

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Firmware system supports remote upgrade without power off

English | 中文

OverviewDevice SettingsUser ManagementNetworkData GraphingLogsSystem

System Tools

System Command Tools

System Information
CPU: ARM926EJ-S
CPU Frequency: 454MHz
Memory: DDR2
Memory Frequency: 400MHz
Flash Size: 128M
System Version: 1.0.0
Last Update Time: 2015-03-10

Update Tool
Update Tool: [RFDU_update](#)
MIB: [RFDU.mib](#)
Instruction: [user-manual](#)
Download Settings: [settings](#)

Update
 未选择文件。

System Commands
Commands Select: Restart Device

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