



RPDU

Ruggedized Power Distribution Unit



Intelligent



Safe



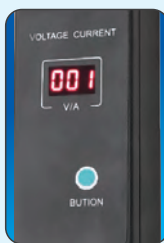
Green



Ruggedized Power Distribution Unit

RPDU —the essential energy saving expert for data center management

Clever newly designed RPDU products are able to sense power consumption changes and overload changes of IT equipments in server room, which can help the administrator to analyze and make appropriate adjustments and optimizations to the power supply of server room. Depending on its excellent internal structure design, itself can have a lower power consumption, at the same time, the entire data center can achieve the goal of energy saving and emission reduction through the accurate monitoring and intelligent managing of RPDU. RPDU is the ideal energy conservation expert for Data Center management.



Ruggedized power distribution unit deserves your trust



Local LCD monitoring, precision display of current and voltage state!



New output anti-fall structure, multiple protections, multiple trust



Remote monitor and management, free to control

Socket color customized as you like, effectively preventing incorrect pull and insert



Products process up to the requirements of multinational criterion, exported worldwide



New hydraulic breakers, dual protection of overload and over-current, trustworthy



Intelligent RPDU products

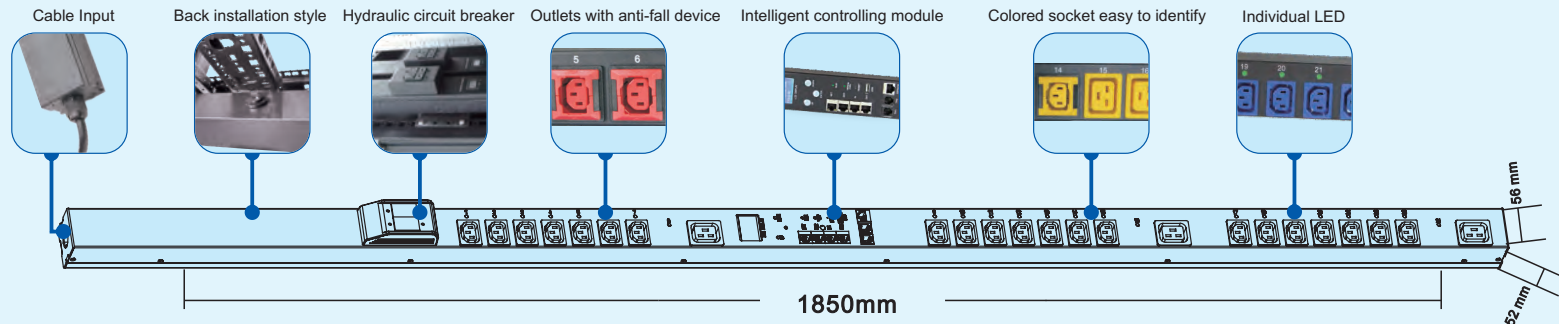
Intelligent RPDU products

Main functions	Products Series			
	A series	B series	C series	D series
Accurate Measurement of total energy consumption	●	●	●	●
Total working voltage metering	●	●	●	●
Total load current metering	●	●	●	●
Total power metering	●	●	●	●
Power Factor monitoring	●	●	●	●
Temperature & Humidity Monitoring	●	●	●	●
Outlet current metering		●		●
Outlet power metering		●		●
Threshold setting of outlet current		●		●
Accurate measurement of outlet energy consumption		●		●
Outlet switching			●	●
Delay setting of outlet sequential switching			●	●

A-series Optional Configuration

Orientation	Input	Plug Type	Output	Power Capacity	Dimension
Horizontal	250V 16A	IEC C20	8×IEC C13	4000W	483 * 216 * 44.4mm
Horizontal	250V 16A	IEC309 2P+E		4000W	483 * 216 * 44.4mm
Horizontal	250V 32A	IEC309 2P+E		8000W	483 * 216 * 44.4mm
Horizontal	125V 15A	NEMA 5-15P	8×IEC C13 or NEMA 5-15R	1875KW	483 * 216 * 44.4mm
Horizontal	208V 20A	NEMA L6-20P		4160KW	483 * 216 * 44.4mm
Horizontal	208V 30A	NEMA L6-30P		6240KW	483 * 216 * 44.4mm
Vertical	250V 16A	IEC309 2P+E	18×IEC C13 & 6×IEC C19	4000W	1850 * 56 * 52mm
Vertical	250V 32A	IEC309 2P+E	20×IEC C13 & 4×IEC C19	8000W	1850 * 56 * 52mm
Vertical	208V 20A	NEMA L6-20P	21×IEC C13 & 3×IEC C19	4160KW	1850 * 56 * 52mm
Vertical	208V 30A	NEMA L6-30P	24×IEC C13 & 6×IEC C19	6240KW	1850 * 56 * 52mm
Vertical	250V 32A	IEC309 2P+E	36×IEC C13 & 6×IEC C19	8000W	1850 * 56 * 52mm

Drawing of intelligent RPDU



Intelligent RPDU products

B-series Optional Configuration

Orientation	Input	Plug Type	Output	Power Capacity	Dimension
Horizontal	250V 16A	IEC C20	8×IEC C13	4000W	483 * 216 * 44.4mm
Horizontal	250V 16A	IEC309 2P+E		4000W	483 * 216 * 44.4mm
Horizontal	250V 32A	IEC309 2P+E		8000W	483 * 216 * 44.4mm
Horizontal	125V 15A	NEMA 5-15P	8×IEC C13 or NEMA 5-15R	1875KW	483 * 216 * 44.4mm
Horizontal	208V 20A	NEMA L6-20P		4160KW	483 * 216 * 44.4mm
Horizontal	208V 30A	NEMA L6-30P		6240KW	483 * 216 * 44.4mm
Vertical	250V 16A	IEC309 2P+E	18×IEC C13 & 6×IEC C19	4000W	1850 * 56 * 52mm
Vertical	250V 32A	IEC309 2P+E	20×IEC C13 & 4×IEC C19	8000W	1850 * 56 * 52mm
Vertical	208V 20A	NEMA L6-20P	21×IEC C13 & 3×IEC C19	4160KW	1850 * 56 * 52mm
Vertical	125V 30A	NEMA L5-30P	24×NEMA 5-15R or NEMA 5-20R	6240KW	1850 * 56 * 52mm

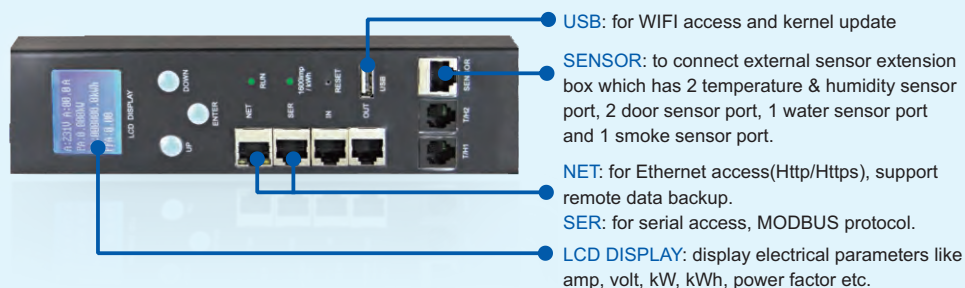
C-series Optional Configuration

Orientation	Input	Plug Type	Output	Power Capacity	Dimension
Horizontal	250V 16A	IEC C20	8×IEC C13	4000W	483 * 216 * 44.4mm
Horizontal	250V 16A	IEC309 2P+E		4000W	483 * 216 * 44.4mm
Horizontal	250V 32A	IEC309 2P+E		8000W	483 * 216 * 44.4mm
Horizontal	125V 15A	NEMA 5-15P	8×IEC C13 or NEMA 5-15R	1875KW	483 * 216 * 44.4mm
Horizontal	208V 20A	NEMA L6-20P		4160KW	483 * 216 * 44.4mm
Horizontal	208V 30A	NEMA L6-30P		6240KW	483 * 216 * 44.4mm
Vertical	250V 16A	IEC309 2P+E	18×IEC C13 & 6×IEC C19	4000W	1850 * 56 * 52mm
Vertical	250V 32A	IEC309 2P+E	20×IEC C13 & 4×IEC C19	8000W	1850 * 56 * 52mm
Vertical	208V 20A	NEMA L6-20P	21×IEC C13 & 3×IEC C19	4160KW	1850 * 56 * 52mm
Vertical	125V 30A	NEMA L5-30P	24×NEMA 5-15R or NEMA 5-20R	3750KW	1850 * 56 * 52mm

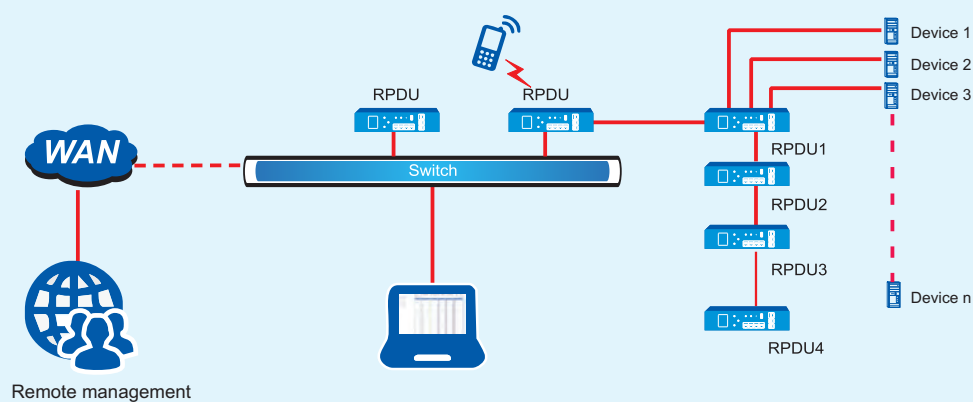
D-series Optional Configuration

Orientation	Input	Plug Type	Output	Power Capacity	Dimension
Horizontal	250V 16A	IEC C20	8×IEC C13	4000W	483 * 216 * 44.4mm
Horizontal	250V 16A	IEC309 2P+E		4000W	483 * 216 * 44.4mm
Horizontal	250V 32A	IEC309 2P+E		8000W	483 * 216 * 44.4mm
Horizontal	125V 15A	NEMA 5-15P	8×IEC C13 or NEMA 5-15R	1875KW	483 * 216 * 44.4mm
Horizontal	208V 20A	NEMA L6-20P		4160KW	483 * 216 * 44.4mm
Horizontal	208V 30A	NEMA L6-30P		6240KW	483 * 216 * 44.4mm
Vertical	250V 16A	IEC309 2P+E	18×IEC C13 & 6×IEC C19	4000W	1850 * 56 * 52mm
Vertical	250V 32A	IEC309 2P+E	20×IEC C13 & 4×IEC C19	8000W	1850 * 56 * 52mm
Vertical	208V 20A	NEMA L6-20P	21×IEC C13 & 3×IEC C19	4160KW	1850 * 56 * 52mm
Vertical	125V 30A	NEMA L5-30P	24×NEMA 5-15R or NEMA 5-20R	3750KW	1850 * 56 * 52mm

Introduction of monitoring and controlling module



Daisy chain drawing of Intelligent RPDU



Accurate monitoring of Input voltage/Load current/Power/Energy consumption

Device Information		Output Status Environment Status						Device Select: RPDU1
Item	Name	State	Current(A)	Power(kW)	Power Factor	Critical		
1	Output1	ON	0.0	0.000	0.00	Normal		
2	Output2	ON	0.0	0.000	0.00	Normal		
3	Output3	ON	0.0	0.000	0.00	Normal		
4	Output4	ON	0.0	0.000	0.00	Normal		
5	Output5	ON	0.0	0.000	0.00	Normal		
6	Output6	ON	0.0	0.000	0.00	Normal		
7	Output7	ON	0.0	0.000	0.00	Normal		
8	Output8	ON	0.0	0.000	0.00	Normal		
9	Output9	ON	0.0	0.000	0.00	Normal		
10	Output10	ON	0.0	0.000	0.00	Normal		
11	Output11	ON	0.0	0.000	0.00	Normal		
12	Output12	ON	0.0	0.000	0.00	Normal		
13	Output13	ON	0.0	0.000	0.00	Normal		
14	Output14	ON	0.0	0.000	0.00	Normal		
15	Output15	ON	0.0	0.000	0.00	Normal		
16	Output16	ON	0.0	0.000	0.00	Normal		
17	Output17	ON	0.0	0.000	0.00	Normal		
18	Output18	ON	0.0	0.000	0.00	Normal		
19	Output19	ON	0.0	0.000	0.00	Normal		
20	Output20	ON	0.0	0.000	0.00	Normal		
21	Output21	ON	0.0	0.000	0.00	Normal		
22	Output22	ON	0.0	0.000	0.00	Normal		
23	Output23	ON	0.0	0.000	0.00	Normal		
24	Output24	ON	0.0	0.000	0.00	Normal		

PDU Outlets can be freely grouped

English | 中文

Overview Device Settings User Management Network Data Graphing Logs System

Device Settings

Outlet Settings

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

History Data Display

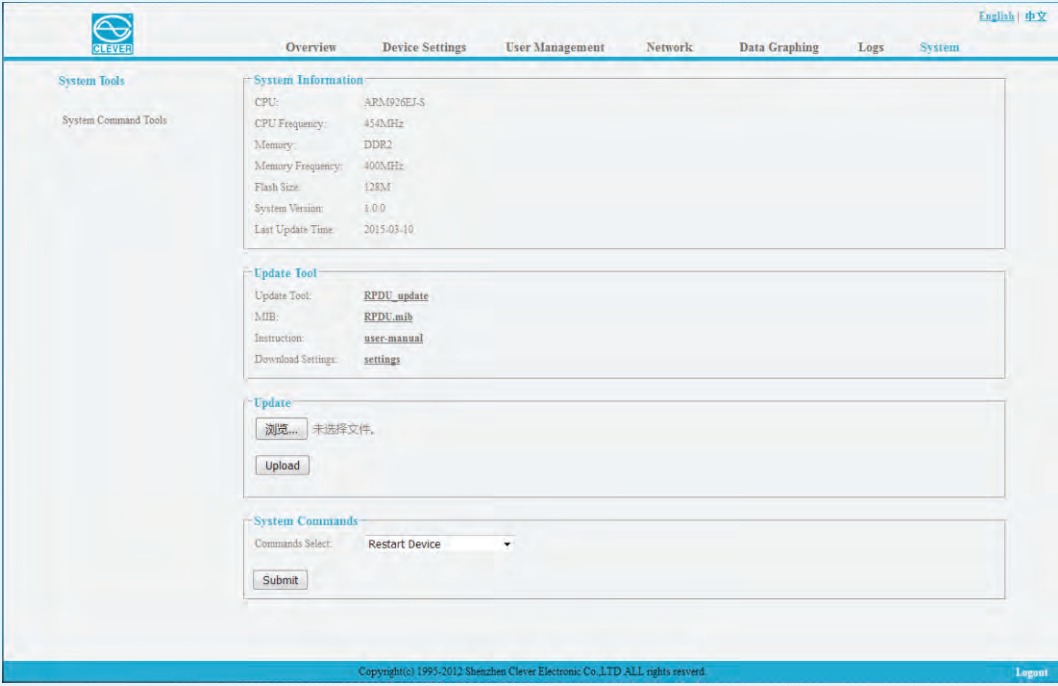
Date select: 2016-08-26 Device select: RPD01 Type select: Total Power View

Total Power Query status display

Export

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Firmware system supports remote upgrade without power off



The screenshot displays the CLEVER system management web interface. The top navigation bar includes links for Overview, Device Settings, User Management, Network, Data Graphing, Logs, and System. The 'System' tab is active, showing a sidebar with 'System Tools' and 'System Command Tools'. The main content area is divided into four sections: 'System Information' (listing CPU, CPU Frequency, Memory, Memory Frequency, Flash Size, System Version, and Last Update Time), 'Update Tool' (listing Update Tool, MIB, Instruction, and Download Settings), 'Update' (with a file selection button and an Upload button), and 'System Commands' (with a Commands Select dropdown and a Submit button). The footer contains copyright information and a Logout link.

System Information	
CPU:	ARM926EJ-S
CPU Frequency:	450MHz
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

浏览... 未选择文件.

Upload

System Commands	
Commands Select:	Restart Device
Submit	

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