RPDU

Ruggedized Power Distribution Unit

Intelligent

Safe

Green

CLEVER

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.

NEW!

Ruggedized power distribution unit deserves your trust

Intelligent RPDU products

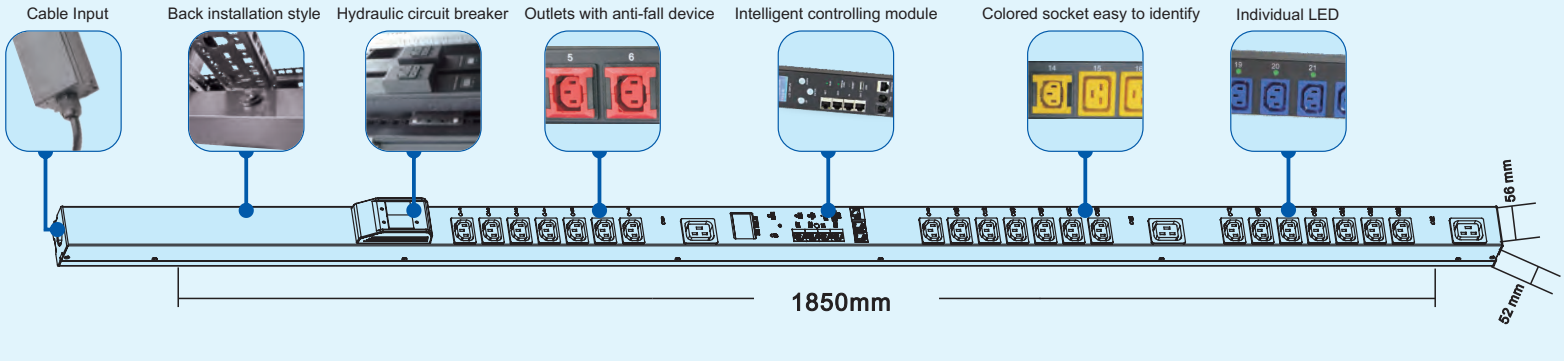
Intelligent RPDU products

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

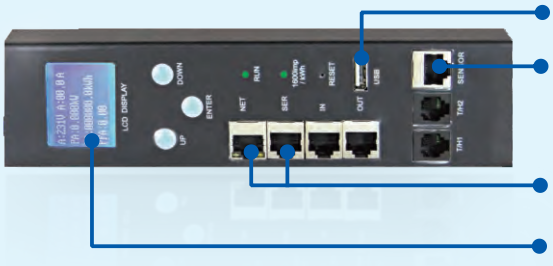
C-series Optional Configuration

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



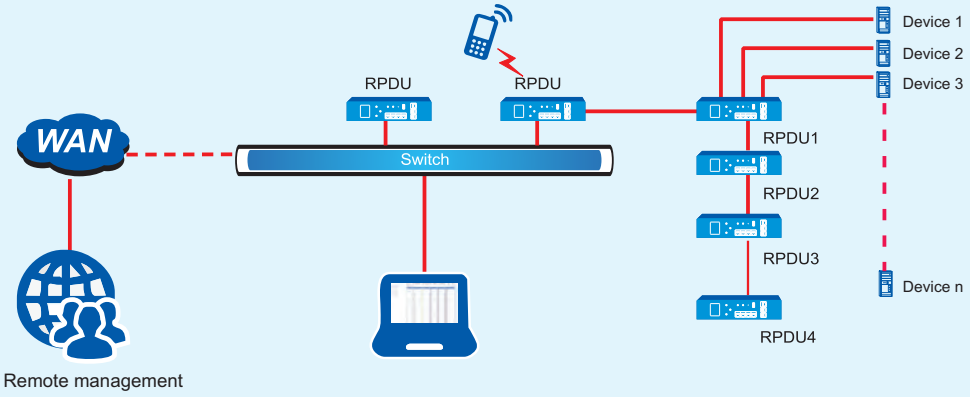
USB: for WIFI access and kernel update

SENSOR: to connect external sensor extension box which has 2 temperature & humidity sensor port, 2 door sensor port, 1 water sensor port and 1 smoke sensor port.

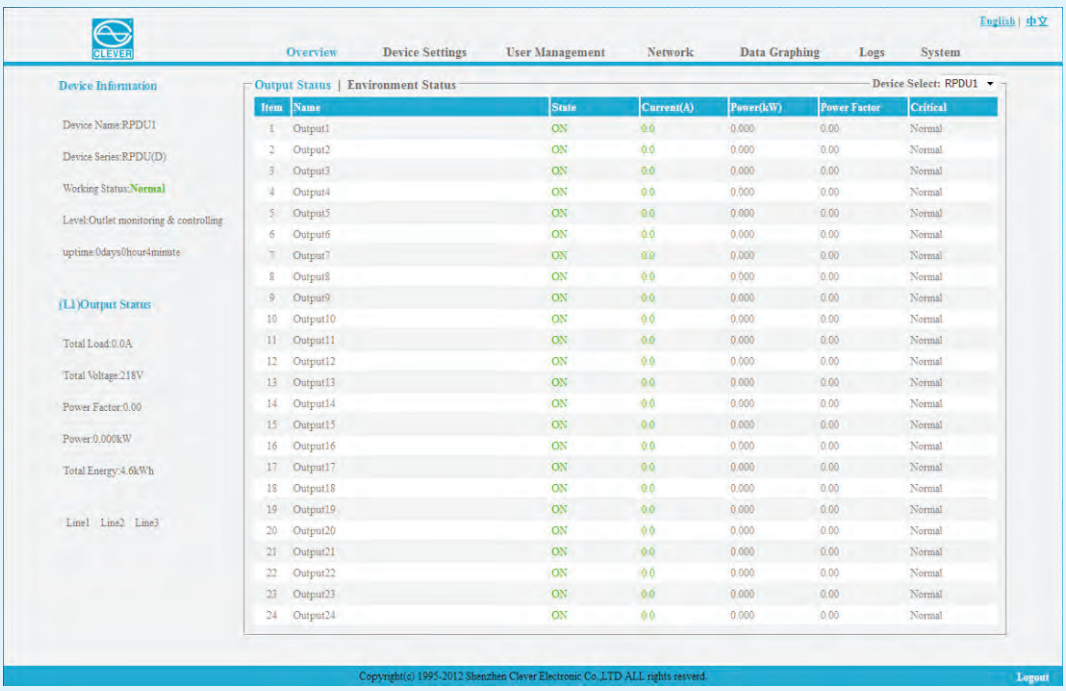
NET: for Ethernet access(Http/Https), support remote data backup.
SER: for serial access, MODBUS protocol.

LCD DISPLAY: display electrical parameters like amp, volt, kW, kWh, power factor etc.

Daisy chain drawing of Intelligent RPDU



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



English | 中文

Overview | Device Settings | User Management | Network | Data Graphing | Logs | System

Device Information

Device Name:RPDU1
Device Series:RPDU(D)
Working Status:Normal
Level:Outlet monitoring & controlling
uptime:0days0hour4minute

(L1)Output Status

Total Load:0.0A
Total Voltage:218V
Power Factor:0.00
Power:0.000kW
Total Energy:4.6kWh

Line1 Line2 Line3

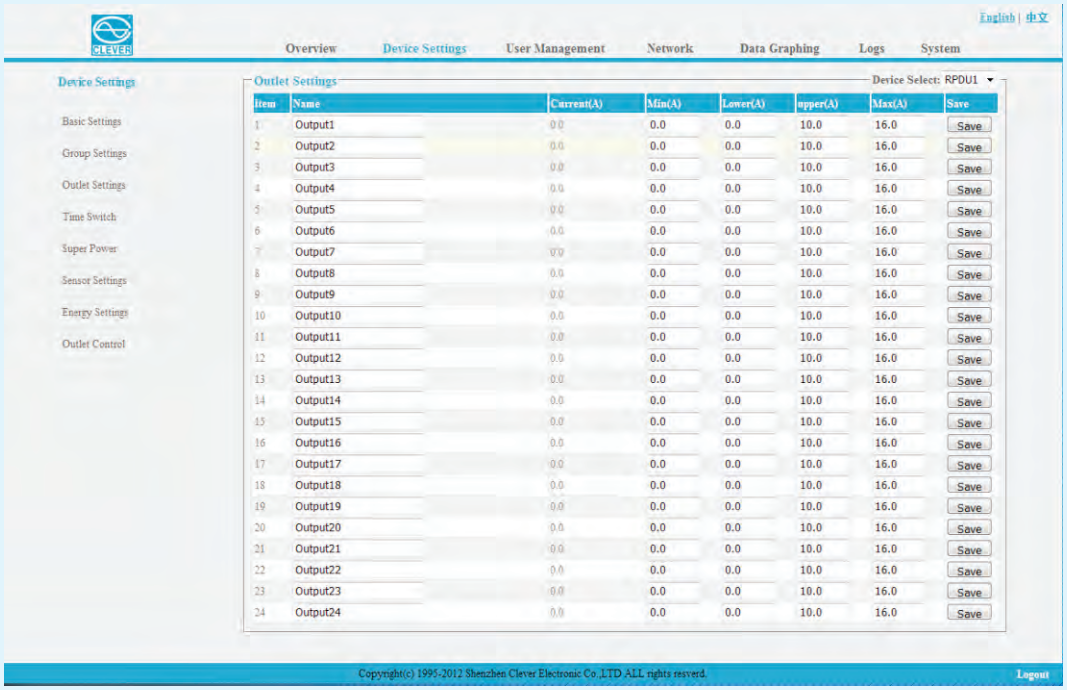
Output Status | Environment Status

Device Select: RPDU1

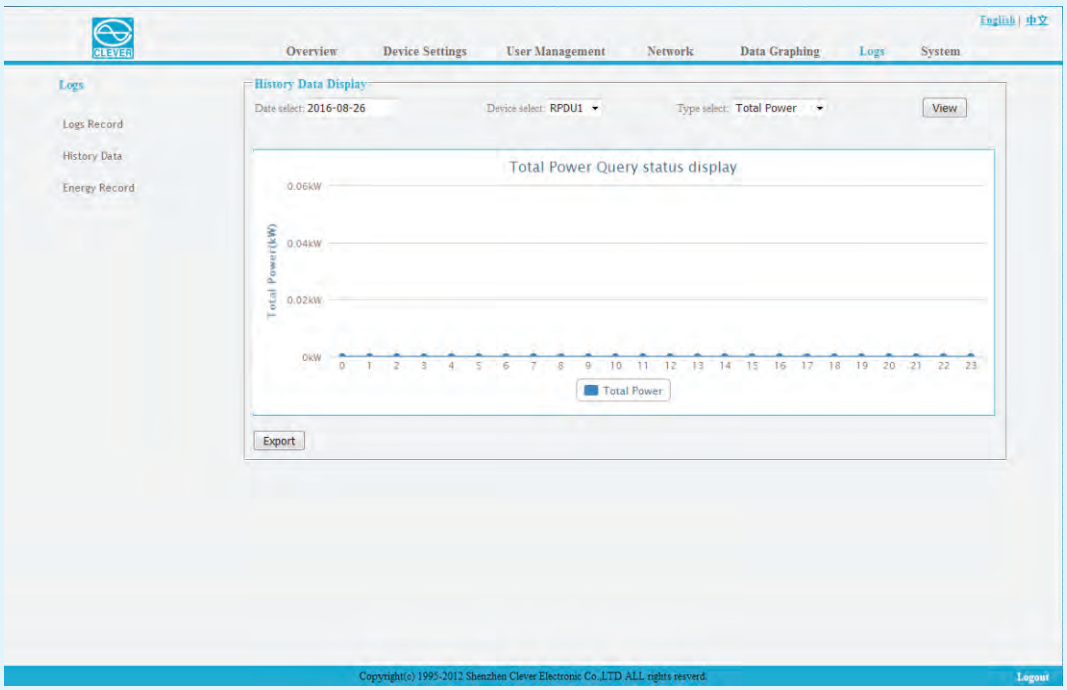
Item	Name	State	Current(A)	Power(kW)	Power Factor	Critical
1	Output1	ON	0.0	0.000	0.00	Normal
2	Output2	ON	0.0	0.000	0.00	Normal
3	Output3	ON	0.0	0.000	0.00	Normal
4	Output4	ON	0.0	0.000	0.00	Normal
5	Output5	ON	0.0	0.000	0.00	Normal
6	Output6	ON	0.0	0.000	0.00	Normal
7	Output7	ON	0.0	0.000	0.00	Normal
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

Logout

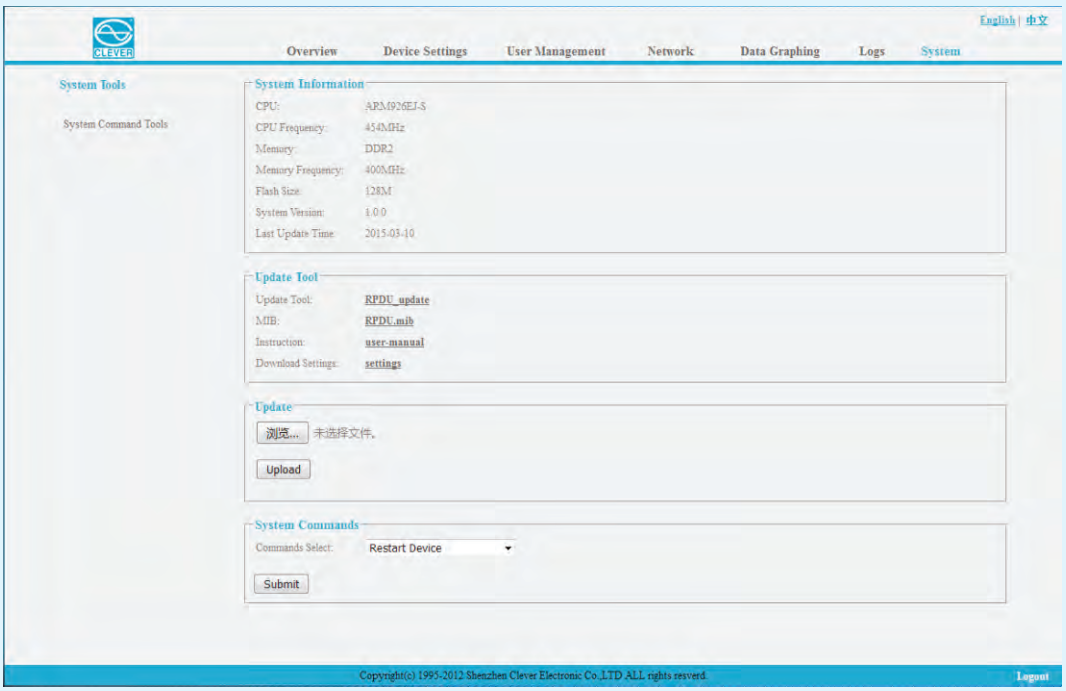
PDU Outlets can be freely grouped



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



Firmware system supports remote upgrade without power off



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