19" Rack Power

MW
MEAN WELL

Power Control and Monitor Unit

- 1U low profile
- 19-inch rack mounting
- I²C decoder, control and monitor up to 3 RCP-1000-☐-C units
- Suitable for all kinds of RCP output (12V,24V,48V)
- Digital meters for output voltage, output current, and internal temperature on front panel
- Potential meter for adjusting output voltage of RCP-1000 unit on front panel
- Relay contacts and LED indicators for AC fail, DC fail, and over temperature warning
- Removable fixing accessory
- 3 years warranty

CE

440x 68x 44 mm

AC input voltage range ...... 90~264VAC
AC inrush current .... Cold start, 30A at 115VAC, 50A at 230VAC
Relay contact rating 30VDC, 1A
Working temperature .... -20~60°C
Safety standards .... Design refer to UL60950-1, TUV EN60950-1
Withstand voltage I/P-O/P:3kVAC, I/P-FG:1.5kVAC, O/P-FG:0.5kVAC
Isolation resistance .... I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC
EMC standards .... Compliance to EN55022, EN61000-3-2,-3, EN61000-4-2,3,4,5,6,8,11
Contection .... Screw DIN terminal for AC input and relay contact output; D-Type right angle 25 positions for communication port

Model No.	Application
RCP-MU	Control and monitor RCP-1000 series

1U Rack Control and Monitoring Unit

- 1U low profile
- 19-inch rack mounting
- Control and monitor up to 32 RCP-2000 units
- Front panel LCD and buttons for on-site service without PC
- Alarm/event log with time and date
- Windows-based PC communication software
- USB, RS-232 or Ethernet interface for PC connection locally or remote monitoring and control via GSM modem
- Easy wire connections on rear side
- 4 user programmable relay outputs for traditional remote warning
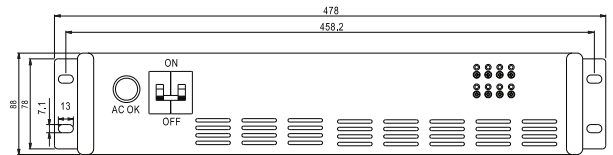- 3 years warranty

CE pending

RCP-CMU-1

140x 127x 41 mm

Under Development

RCP-CMU-1-R
350.8x 483.6x 44 mm

DC input voltage range ...... 10~60VDC
DC input current .... 0.5A at 24VDC, 0.25A at 48VDC
Output relay contact .... 4 user programmable relay
Working temperature .... -25~+70°C
Safety standards .... Design refer to UL60950-1, TUV EN60950-1
Withstand voltage I/P-O/P:1.5kVAC, I/P-FG:1.5kVAC
Isolation resistance .... I/P-O/P, I/P-FG: 100M Ohms / 500VDC / 25°C / 70%RH
EMC standards .... Dedign refer to EN55022 Class B, EN61000-4-2,3,4,6,8

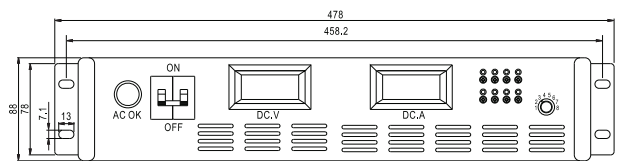| Model No.	Application
RCP-CMU-1	Control and monitor RCP-2000 series (single unit)
RCP-CMU-1-R	Control and monitor RCP-2000 series (with 19" rack)

Custom-Made 19" 2U Rack Power System

- Standard 19" 2U rack – 480 x 420 x 80mm
- Custom rack configurations available, 4500W max., up to 8 outputs
- LED indicators on front panel
- Meters for output voltage and current on front panel
- Front panel voltage adjustment
- Wide range of backplane connection option
- Choose from MEAN WELL's wide range of standard power supply
- Complete assembly and testing on your custom rack system
- Engineering support available to assist you in specifying your requirement
- 2 years warranty

Panel Type A: with power switch, LED indicators, and output adjustment potentiometers.

Panel Type B: with additional digital meters and selector switch.

Example

❖12V, 4500W 2U Rack System

- RSP-1500-12 x 3pcs
- LED indicators and front panel voltage adjustment
- Output voltage and current digital meters
- I/O interface:
    - AC Input — Terminal block
    - DC Output — Copper pillars
    - Single Output — Terminal block

We provide specification, drawing, test report and more information, please visit our website —
http://www.meanwell.com

Customer Satisfaction —
   Today's effort, tomorrow's reward. Continuously improve CQTS to satisfy customer is our goal.