

# MICROPROCESS DC METER with Circuits detection



MP-84DH DC Meter with Circuits detection

## Features

- 4 unit V, A, KW, KWH
- Can change V, A, KW by front sheet switch
- Rate free setting
- RS-485 interface
- DIN case 96 x 48mm
- Circuits detection

## Input

Voltage : DC 0~10V  
DC 0~100V  
DC 0~300V

Current : DC 0~1A, DC 0~5A, DC 0~10A

Watt : Corresponding to V x A

## Order Code

MP -84DH — [ ] [ ] [ ] — [ ]

Input DCV — [ ]  
1 : 0~10V  
2 : 0~100V  
3 : 0~300V  
Y : Option

Input DCA — [ ]  
1 : 0~1A  
2 : 0~5A  
3 : 0~10A  
4 : 0~50mV  
Y : Option

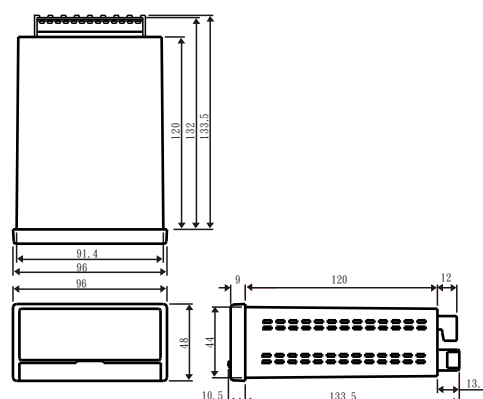
Power Supply — [ ]  
1 : AC 115/230V  $\pm 10\%$ , 50/60Hz  
Y : Option. (DC12, 24, 48, 120V  $\pm 20\%$ )

Output — [ ]  
N : none RS-485 : 1

## RS-485 Interface (option)

Address : 1 ~ FF  
Baudrate : 19200, 9600, 4800, 2400, 1200  
Frame : N. 8. 2, E. 8. 1, O. 8. 1, N. 8. 1  
Protocol: Modbus RTU Mode

## Dimensions



## Specifications

Display : 8 digits red LED 0.3" high ( KWH )  
4 digits green LED 0.3" high ( A,V,KW )

Over range Indication : " o. L "

Conversion Rate : 1/sec.

Memory : EEPROM

Accuracy :  $\pm 0.25\%$  FS.  $\pm 2$  digit (  $23 \pm 5^\circ\text{C}$  ) --- -AV  
 $\pm 0.5\%$  FS.  $\pm 2$  digit (  $23 \pm 5^\circ\text{C}$  ) --- - KWH . KW

Operating Temp. :  $0 \sim 60^\circ\text{C}$  / Below 80%R. H.

Storage Temp. :  $-10 \sim 70^\circ\text{C}$  / Below 70% R. H.

Power Supply : AC 115/230V  $\pm 10\%$ , 50/60Hz  
Option : DC 12, 24, 48, 120V  $\pm 20\%$

Power Consumption : Approx. 4VA

Weight : Approx. 550g

Dielectric Strength : AC 2000V/1min ( Input/Power )

Insulation Resistance : More than 100M  $\Omega$  at 500VDC

Dimensions : 96(W) x 48(H) x 144(D)mm

Panel Cut-Out : 91.5(W) x 44(H)mm

## Circuits Detection:

Input DCV : 0~600 DCV  
Input DCA : 0~30 DCA  
Transmission : RS-485 , DO

## Connection Diagram

