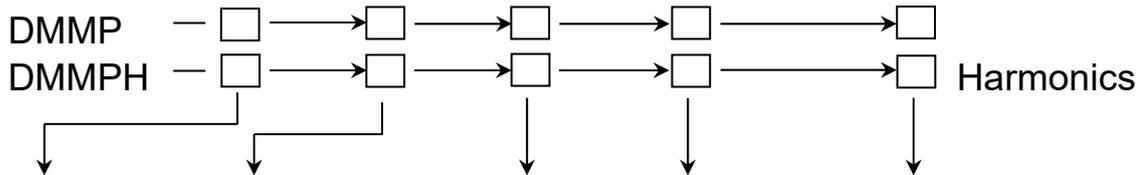


# DMMP-Multifunction Power Meter (284\*186mm)

## Features

- Standard: Qualified to DIN-IEC 688
- Displays: 3V、3A、W、Var、WH、VarH、PF、Hz、Harmonics.....
- Measure: 1  $\phi$  2W, 1  $\phi$  3W, 3  $\phi$  3W, and 3  $\phi$  4W systems
- 31 times of harmonic analysis ; display 15 times of odd harmonic.
- With RS-485 and RS-232 Modbus Output
- Ethernet TCP/IP Modbus (Optional)



Input Voltage		Input Current		OUTPUT		Alarm Setting		AUX. POWER	
A	55-440V(L-L)	A	1A	F	RS-485 Modbus RTU	A	4 Sets Alarm	C	DC 24V
		B	5A	O	4 Analog Outputs			F	AC/DC 85~265V
C	55-600V(L-L)			M	4 Analog Outputs+RS-485	N	None		
Y	Other	Y	Other	E	Ethernet TCP/IP	Y	Other	Y	Other

## Specifications

### INPUT:

- Input Frequency : 45Hz ~70Hz.  
 Input Burden : Voltage 0.25VA/Unit, Current 0.25VA/Unit, as 50/60Hz..  
 Input Range : Voltage: 55~440V(L-L) AC, 45~65Hz or 55~600V(L-L) AC, 45~65Hz. Current: 110% for rating.  
 Input Over : Voltage: 200% Continuous, 300% of rating for 10 Sec.  
 Current: 400% Continuous, 2000% of rating for 10 Sec., 8000% of rating for 0.5 Sec.

### OUTPUT:

DC Current: 0 – 20 mA DC

Load resistance drive: output drive 10 VDC maximum

Output	Load Resistance
0 – 20 mA :	500 $\Omega$
4 – 20 mA :	500 $\Omega$

DC Voltage: 0 – 10 V DC

Load resistance drive: output drive 5 mA maximum

Output	Load Resistance
0 – 5 V :	1 K $\Omega$
1 – 5 V :	1 K $\Omega$
0 – 10 V :	2 K $\Omega$

- Output Protection : Without Damage for Output Open or Short Circuit.  
 Output Response Time :  $\leq 1$  Sec.  
 Digital Output Load : RS-485 Output, MODBUS RTU mode., 4800, 9600, 19200 Baud Rate, User Selectable.

### INSTALLATION & PERFORMANCE:

**Accuracy** : V、A、W、 =  $\pm 0.2\%$  Fs+2C at 23 $^{\circ}$ C  $\pm 3^{\circ}$ C. Var、WH、VarH、PF =  $\pm 0.4\%$  RD+2C, Hz =  $\pm 0.05\%$  Fs+1C at 23 $^{\circ}$ C  $\pm 3^{\circ}$ C., THD =  $\pm 2\%$

**Display Range** : V、A、W、Var、PF、Hz, 0.56" Super Red LED 4 Digits = 0~9999 Counts, WH ; VarH, 0.36" Super Red LED, 7 Digits = 0~9999999 Counts.

**Response Time** :  $\leq 1$  Sec.

**Memory** : Forever Power Off Memory for 10000 Data

**Dielectric Strength** : AC 2.8KV / Min, Input/Power/Case, DIN IEC 688.

**Surge** : 6 KV 1.2x50  $\mu$ S, ANSI C37.90a / 1983.DIN IEC 1000.4 – 5, 4 – 4.

**Stability** :  $\leq 0.2\%$ /Year.

**Temperature Coefficient** :  $\leq 100$ ppm /  $^{\circ}$ C From 0 ~ 60 $^{\circ}$ C,

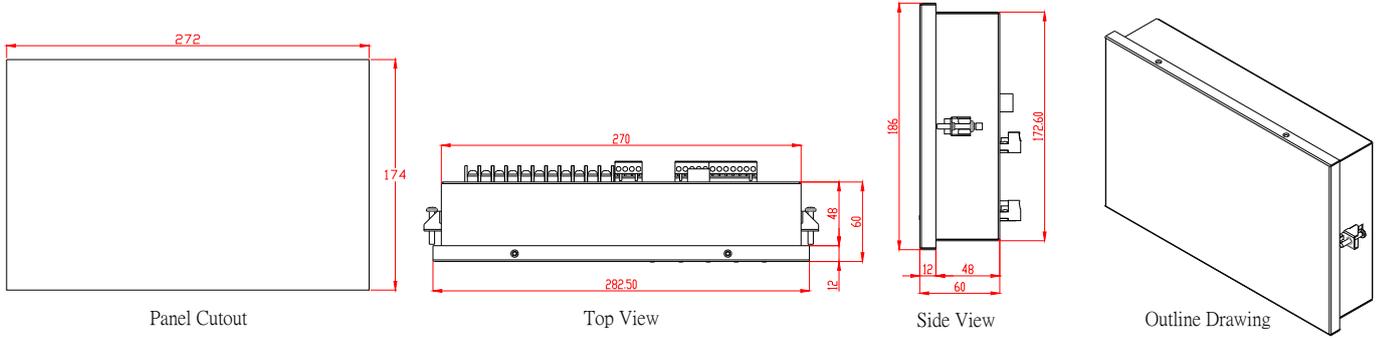
**Operation Condition** : -10 $^{\circ}$ C ~ +55 $^{\circ}$ C 20 ~ 95% RH Non-Condensed.

**Storage Condition** : -40 $^{\circ}$ C ~ +75 $^{\circ}$ C 20 ~ 95% RH Non-Condensed.

**Power Supply** : AC 85~265V or DC 100~300V.50/60 hz

**Mounting** : Panel Flush Mounting.

# Dimension Drawing (mm)



# Connection Diagram

