

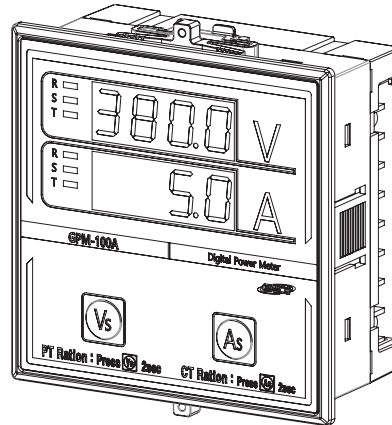
AC Power Meter

(1Ph 3Ph V/A/Hz/W Meter)

GPM100 Series



GPM100 Series



Product Overview

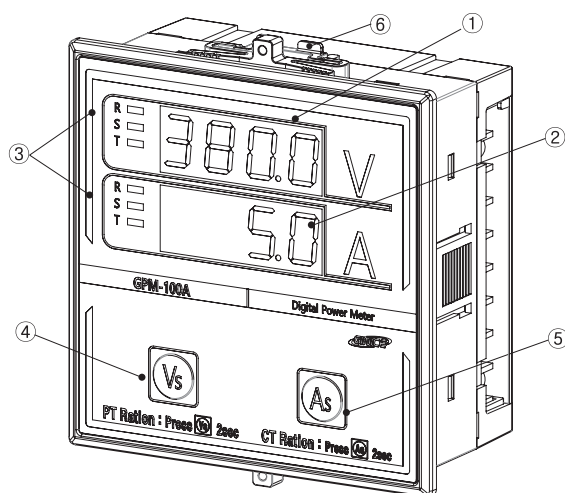
- To meter 1Ph 3Ph V(Voltage) A(Current) and further to W, Hz
- Wide range of settings simply with display and button



Ordering Specification

GPM	100A	• 100A : V(Voltage) A(Current) meter and display(STANDARD) • 100D : V(Voltage) A(Current) Hz meter and display(OPTION) • 100H : V(Voltage) Hz meter and display(OPTION) • 100S : A(Current) W meter and display(OPTION) • 100W : V(Voltage) A(Current) W meter and display(OPTION)
		GINICE POWER METER

Function Of Each Part



<GPM 100A>

- ① Voltage display : display each phase or line voltage
(3P3W : 3EA, 3P4W : 6EA)
- ② Current display : display current in each phase
- ③ LED : display line voltage and metered phase
- ④ Vs button : choose the option and
set-up voltage ratio on Voltage display
☞ Sequence of choice
- 3P3W : RS>ST>TR /
- 3P4W : RS>ST>TR>RN>SN>TN
- ⑤ As button : choose the option
and set-up current transformer ratio
on Current display
☞ Sequence of choice
- R>S>T
- ⑥ Bracket : to fix on panel(2EA)

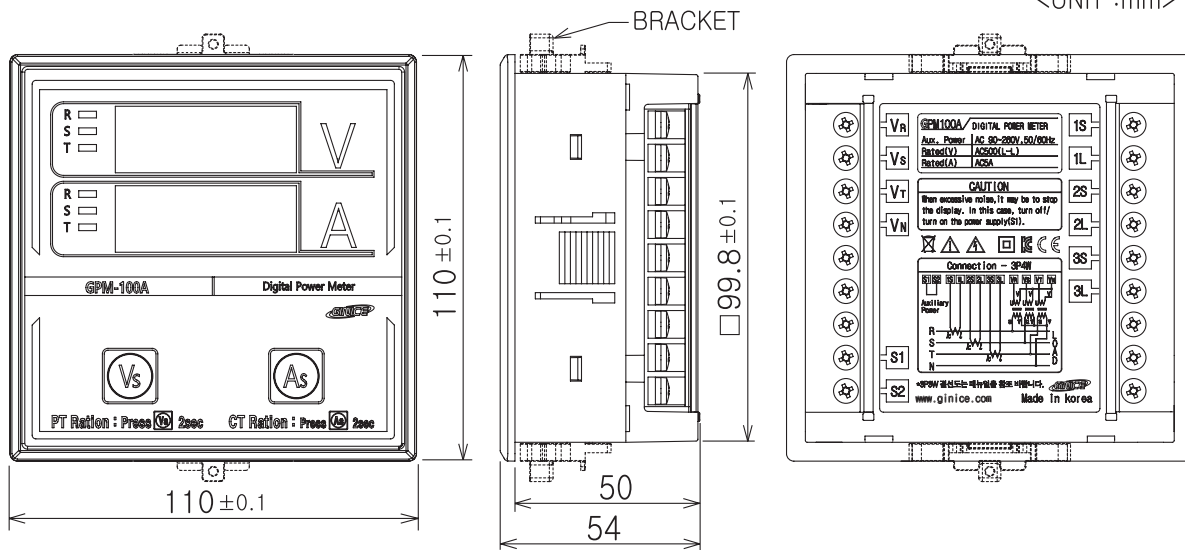
Technical Specification

	Specifications
Wiring	3P3W , 3P4W
Power voltage, Frequency	AC90~260V , 50~60Hz
Display	7Segment LED Display (0.56", red)
Accuracy(V, A)	Not less than 20% ± (0.5 of rdg + 1digt), Not more than 20% ± (1.0 of rdg + 1digt)
Insulation resistance	Not less than 100MΩ (500VDC standard) Between external terminal and enclosure
Input	AC24V ~ AC500V (line voltage), AC0.03A ~ AC5A
Withstanding voltage	2000VAC /1min(Between external terminal and enclosure)
Internal surge	1.2/50μs(O.S). 8/20μs(S.C) , 0/90/180/270°±1/2kV
Impulse	50/250/500/1000ns , Cycle 10/20ms, 0~360° 2kV
Internal noise	Burst, Level 4(IEC 61000-4-4)
Ambient Temp.	0°C ~ 50°C (No-frozen conditions)
Certificates	CE ,

GINICE Power Meter

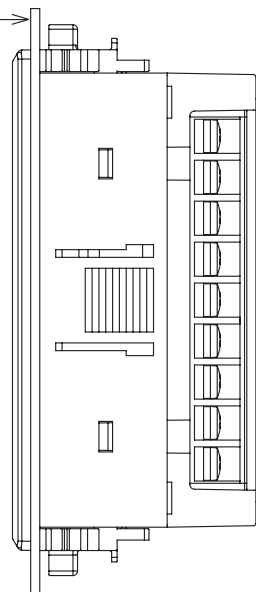


Dimensions

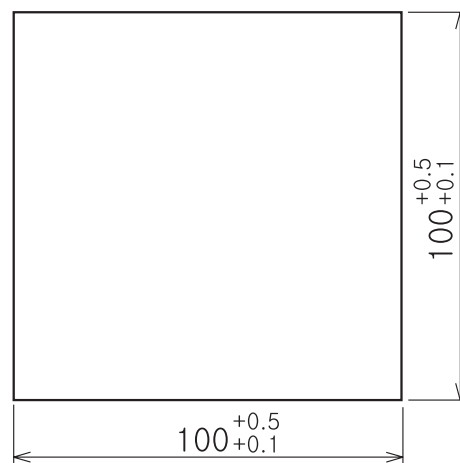


How to cut Panel

※ Thickness of panel
(not more than 5T)

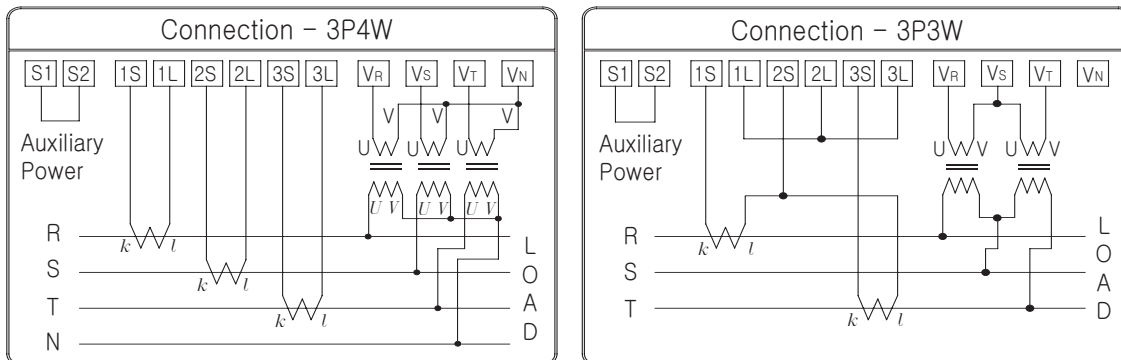


※ Cutting size of panel





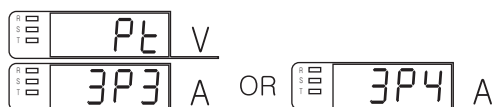
Wiring Diagram



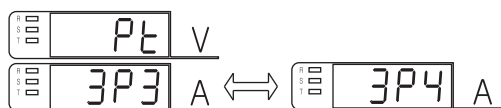
3Ph3Wire & 3Ph4Wire Settings

Displaying voltage current,

(Vs) factory setting value 3P3 or 3P4 showed up with the button pressed for 2sec



(As) 3P3, 3P4 inter-converted with the button pressed



※ After selection, **(Vs)** button pressed for setting-up

※ After setting-up 3P3W 3P4W, **(Vs)** button pressed for shifting to current display

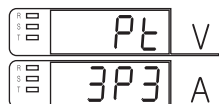
GINICE Power Meter



Voltage Ratio Settings

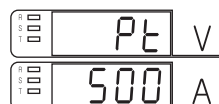
Displaying voltage current,

(Vs) button for 2sec pressing to display factory setting 3P3 or 3P4.

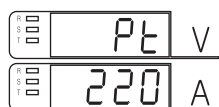
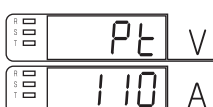
 OR 

(Vs) button to display voltage ratio.

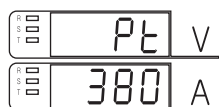
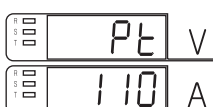
ex)



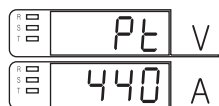
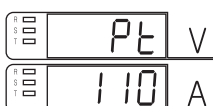
(As) button to display 220 110 in turn

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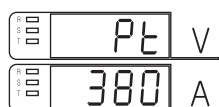
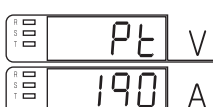
(As) button to display 380 110 in turn

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(As) button to display 440 110 in turn

 ↔ 

(As) button to display 380 190 in turn. (3P4W : RN,SN,TN)

 ↔ 

(As) button

* 380 / $\sqrt{3}$ for 380, 190/ $\sqrt{3}$ for 190.

※ after selection of voltage ratio, **(Vs)** button pressed to set-up



Current Transformer ratio Settings

Displaying Voltage current,

(AS) button pressed for 2sec to display factory setting value
ex)

CT V
5 A

(VS) button pressed to display "10" as value

CT V
10 A

⋮

(VS) button pressed to display "999" as value

CT V
999 A

(VS) button

(VS) button to display current transformer ratio 5.10.15.20.25.30.40.50.60.70.75.80.90.100.120.125.130.140.150.160.170.175.180.200.225.240.250.300.350.400.450.500.600.700.750.800. 900.999 in turn (38 ratios)

※ After selection, (AS) button for setting-up

※ Please, contact manufacturer other than 38ratios

A leader in valve automation
GINICE Co., Ltd.



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