



DIGITAL VAF METER



DIGITAL WATT METER



DIGITAL FREQUENCY METER



DIGITAL AMPERE METER



DIGITAL VOLT METER



ANALOG METERS



DIGITAL AMMETER, VOLT METER (80X80), (60X60)



DIGITAL METER (96X48)



DIGITAL DIN RAIL TYPE VA METER



DIGITAL VA METER (AC 80-300V)



DIGITAL POWER ANALYZER

FDM-PA (96 x 96 x 82) is a power analyzer and meter, It can measure and display all the electrics, Four modules can be plugged-in together: RS-485 communications, digital input/output, energy pulse, and DC 4~20mA analog output, So as to meet all kinds of demands.

Measurement Parameters

Voltage (Ph-N); Voltage (Ph-Ph); Current; Frequency; PF; Active Power(W); Reactive Power(Q) ; Apparent Power(S)

Accuracy $\pm 0.5\%$

RS-485 interface port support, 32 (128) Networking, ModBus-RTU communication protocol.

AC85~265V / DC85~330V, DC18~90V (optional)

Power Consumption: <4VA

Specification Table for Digital Meters

DIGITAL TYPE METER	VOLT METER	AMPERE METER	FREQUENCY METER	WATT METER	VAF METER	VA METER	DRT METER
FRONT FRAME(MM)	96X96, 72X72 96X48	96X96, 48X48, 96X48	96X96, 72X72,	96X96	96X96	60X60X49	54X80X64
DISPLAY	3 - digit	4 - digit	3 - digit	3 - digit	Ammeter: 3 x 4 digit voltmeter: 3 digit frequency meter: 3 digit	2 - digit	2 - digit
ACCURACY	$\pm 1\% - 2d$	$\pm 1\% - 2d$	$\pm 0.2\% + 2d$	$\pm 1\% - 2d$	Ammeter: $\pm 1\% + 2d$ voltmeter: $\pm 1\% + 2d$ frequency meter: $\pm 0.2\% + 2d$	$\pm 1\% - 2d$	$\pm 1\% - 2d$
MEASURING RANGE	0-500V	0-9999A	20-500 HZ (30 - 500V AC)	0-1250W	Ammeter: 0-9999A voltmeter: 0-500V frequency meter: 30-70 HZ	0-100A 0-500V AC	0-100A 0-500V AC
POWER CONSUMPTION	<3VA	<3VA	<3VA	<3VA	<3VA	<3VA	<3VA

For ammeter ct ratio 1 2000A.

Ambient temperature $-5^{\circ}\text{C} \dots +55^{\circ}\text{C}$

Power supply 230 V AC $\pm 20\%$, 50/60 Hz

IEC standard

Warranty period

2 Years