

Multimeters & Panel Meters

Power Analyzer/Datalogger

Detailed product specifications are available on: us.100y.com.tw



FEATURES

- Large Dot Matrix LCD Display with Backlight
- Average Demand (AD in W, KW, MW)
- Maximum Demand (MD in W, KW, MW) with Programmable Period
- Harmonic Analysis to the 99th Order
- Display of 50 Harmonics in One Screen with Waveform
- Display of Waveform with Peak Values (1024 Samples/Period)
- Analysis of Total Harmonic Distortion (%THD-F)
- Graphic Phasor Diagram with 3 Phase System Parameters
- Capture 28 Transient Events (Time + Cycles) with Programmable Threshold(%)
- 3 Phase Voltage Unbalance Ratio (VUR)
- 3 Phase Voltage Unbalance Factor (d0%, d2%)
- Calculated Unbalance Current through Neutral Line (In)
- Optical isolated USB Interface
- Built-in Timer and Calendar for Data Logging
- Conductor Size: -Model 6801 30mm(approx) -Model 6802 55mm(approx), 64*24mm(bus bar) -Model 3007 170mm(approx)

Battery Type	1.5V SUM-3 x 8
Display	Dot Matrix LCD with backlight
Power Consumption	140mA (approx.)
External DC Input	DC 12V adaptor (for safety purpose, the adaptor must be certified with 600V isolation protection)
LCD update rate	1 times / sec
No. Of Samples/Period	1024
Operating Humidity	< 85% relative
Operating Temperature	-10°C to 50°C
Storage Humidity	< 75% relative
Storage Temperature	-20°C to 60°C
Weight(6800)	1160g
Dimension(6800)	257 (L) x 155 (W) x 57 (H) mm , 10.1"(L) x 6.1" (W) x 2.3" (H)
Accessories	Test leads x 4, alligator clips x 4, Carrying bag x 1, Users manual x 1, Batteries 1.5V x 8

Part No.	Product No.	Manufacturer	Description	ACV
40831	TES-6800	TES	Power and Harmonics Analyzer	600V



DISPLAY

- Back light 3 3/4 digits LCD with max. reading 3999, plus decimal point, unit symbol indication.
- Overload Indication: LCD will show "OL" in the upper left position.

POWER SUPPLY

- Battery type : 9V NEDA 1604 IEC 6F22 JIS 006P battery x 1 pc
- Battery life : 200 hours approx.

FUNCTIONS

- Conversion type: Trms
- Auto Range, Auto Power Off, Auto Zero
- High speed bargraph
- Function Keys: Max/Min Hold, Data Hold, Trms Positive and Negative Peak Hold
- Test Ranges: ACV, ACA, DCV, DCA, Ω, WATT, Frequency, Continuity
- The maximum conductor size is 35mm.

DIMENSION

- Size : 218 x 75 x 43mm(LxWxH)
- Weight: about 375 g (including battery)

Part No.	Product No.	Manufacturer	Description	ACV
18038	TM-28E	TENMARS	AC/DC True RMS Watt Meter	600V



- 4 LCD Displays with W, PF, V, A
- Easy Plug-in and Test
- RS-232 Computer Interface

General Specification:

Numerical Display	3 1/2 digits LCD
Over Range Indication	OL on LCD
Sampling Rate	2.5 times/sec
Power Source	1.5V AA batteries
Power Consumption	22mA approx.
Operating Temperature	0~40°C
Operating Humidity	Less than 80%
Dimension	352mm(L)*300mm(W)*100mm(H) 13.9"(L)*11.8"(W)*3.9"(H)
Weight	1.637 Kg(approx.) 3.6 lbs(approx.)

Part No.	Product No.	Manufacturer	Description	ACV
17651	WM-01	PROVA	Power Analyzer	750V
14288	WM-02	PROVA	Power Analyzer	110V

ABM_2010 Series Programmable Power Meter

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Part No.	Product No.	Description	ACV
15679	2014	Power Meter	600V



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