

# SEW

## POWER METER

Monitor the efficiency of your appliances and equipment, and reduce your power bill with the new power meter 8015 PM.

The advantages of 8015 PM :

- Determine the running cost of your appliances.
- Measure voltage, current, frequency, watt, power factor, and greenhouse gas emissions.
- Optical USB to RS-232 data transmission.
- 2 Optical LEDs are built-in for data transfer.
- Transferring and showing real-time data to a PC.
- Make informed decisions when purchasing appliances and equipment.
- Reduce your electricity bill.
- Calculate electrical expenses by real, hour, month.
- Can make different kinds of plugs for different countries / areas, such as Type B, C, G, I plugs.....etc.
- Data communication function.
- Freely set upper and lower limit for V,A,W and alarm when measured value is out of limit.
- Backlight function.



(Type B)



(Type C)



(Type G)



(Type I)



• Data transmission cable CA-232

## SPECIFICATIONS

Item	Range	Unit	Accuracy/Error
	15A		
AC voltage	100-240	V rms	±1%
AC current	15	A rms	±1%
Power	0-3750	W	±1%
Apparent power	0-3750	VA	±1%
Power factor	0.001 - 1		Watt / (Vrms * Arms)
Frequency	45-65	Hz	±1%
Cost	9999	\$	
Energy	9999	kWh	
Gas	9999	kg	
Cost setting	0-9999	kWh	
Gas setting	0-9.999	kg/kWh	
Time duration	23	Hours	
	30	Days	
Run-time measurement	30 : 23	Days : Hours	
Fuse rating	15A/250V		

## Data Communication Function

- Downloading saved data to a PC.
- Transferring and showing real-time data to a PC.
- 2000 measurement records can be saved in the memory and can be recalled on the display.
- Transmission protocols can be confirmed from a hyper terminal.

No.	Time	Voltage [V]	Current [A]	Apparent Power [VA]	Real Power [W]	Power Factor [PF]	Cost [kWh]
1	12:00	230.8	9.01	2084	1800	0.868	0.000
2	12:01	230.8	9.01	2084	1800	0.868	0.000
3	12:02	230.8	9.01	2084	1800	0.868	0.000
4	12:03	230.8	9.01	2084	1800	0.868	0.000
5	12:04	230.8	9.01	2084	1800	0.868	0.000
6	12:05	230.8	9.01	2084	1800	0.868	0.000
7	12:06	230.8	9.01	2084	1800	0.868	0.000
8	12:07	230.8	9.01	2084	1800	0.868	0.000
9	12:08	230.8	9.01	2084	1800	0.868	0.000
10	12:09	230.8	9.01	2084	1800	0.868	0.000
11	12:10	230.8	9.01	2084	1800	0.868	0.000
12	12:11	230.8	9.01	2084	1800	0.868	0.000
13	12:12	230.8	9.01	2084	1800	0.868	0.000
14	12:13	230.8	9.01	2084	1800	0.868	0.000
15	12:14	230.8	9.01	2084	1800	0.868	0.000
16	12:15	230.8	9.01	2084	1800	0.868	0.000
17	12:16	230.8	9.01	2084	1800	0.868	0.000
18	12:17	230.8	9.01	2084	1800	0.868	0.000
19	12:18	230.8	9.01	2084	1800	0.868	0.000
20	12:19	230.8	9.01	2084	1800	0.868	0.000

