

The manual of the PR10 models :

Product Overview

PR10 Power Recorder is displayed by 2.4 inch TFT color LCD, and it can measuring a variety of electrical equipment's power, power factor, voltage, current, frequency, accumulated electricity consumption, accumulated electricity bill, accumulated electricity time, one shot electricity consumption, one shot electricity bill and one shot electricity time. Daily use of electricity and electricity bill will be recorded, you can see the form of a chart or list of historical records. PR10 is suitable for the measuring and monitor power consumption of the household, factory, office and other cases, and can be used to power on or power off a various electric equipment according your setting.

Main Features:

- | The full digital operation and control.
- | 2.4 - inch true color TFT LCD display.
- | 0.5FS - level measuring accuracy.
- | Chinese and English UI can freely to be chosen.
- | 16 currency units can be set freely.
- | Four operation keys.
- | Date and time can be set, 5 date formats are supported.
- | After power on, the outlet can be set to automatic power on, no electricity, or maintain the working state of the last working.
- | Power statistics have two types: cumulative electricity and one shot electricity, one shot electricity can be cleared, it is convenient for the measurement of electric charges in specific situations.
- | There are three main display pages: the overview page, the one shot electrical page and real-time electrical parameters page, the default page is overview page, users can press “ ”key to switch different display page;
- | Automatic record historical data, which can be review in the form of a list or chart, and can be stored for up to 30 years.
- | Charge rates can be set up to 4 decimal places, the number of decimal places can be adjusted freely, support 8 time sections of sub billing function, can be easily used for peak load billing occasions.
- | There are 9 timers, two are advanced timers, which can be set to power on or power off the power supply in the specific time on “no repeated”, “everyday”, “working day” or “weekend”, and other 7 timers are general timers can be set to open or close the power supply on the certain period of time in one day.
- | It has alarm function and can be set to alarm when the voltage, current, power or temperature exceeds alarm settings.
- | It has output protection function and can be set to cut off the power supply when the voltage, current, power or temperature exceeds output protection value. The “Launch overload” mode can be set when the current is 2A or above. No current and power are detected whether exceeds the setting or not within 15 seconds when the “Launch overload” is checked. It also has automatic recovery function. When “Auto Recovery” is checked, if the machine is in output protection mode, 1 minutes later the power supply will be turned on automatically, if the power, voltage, current or temperature exceed the output protection value, it will restart the output protection again, and the power supply will not powered on.
- | Energy-saving setting: it can be set to turn off the screen automatically without operation in 1 minute, 5 minutes or 10 minutes, it also can be set not to turn off the screen. The measurement function continues after the screen is closed, press any key to turn on the screen.
- | The total power consumption and historical records can be cleared or do the factory restore in the system setting page.
- | Power resolution switch automatically according to the measurement results, when less than 100W it display two decimal places, when greater than 100W it display one decimal, when greater than 1000W there's no decimal display.
- | Over range hint.
- | Small size, beautiful appearance, easy to carry, suitable for all kinds of electrical equipment for measurement.

Function Lists

Function		Function		Function	
Power Measuring	●	Time and Date Display	●	2 Advanced Timers	●
Voltage Measuring	●	Five Date Format	●	7 General Timers	●

Current Measuring	•	History Record	•	Time and Date Setting	•
Power Factor Measuring	•	Record View by Annual Charts	•	Alarm	•
Frequency Measuring	•	Record View by Annual Lists	•	Output Protect	•
Accumulated Electricity Consumption	•	Record View by Monthly Charts	•	Switch State Can Be Setting	•
Accumulated Electricity Bill	•	Record View by Monthly Lists	•	Screen Power Saving	•
Accumulated Electricity Time	•	Charge Rate Setting	•	History Record Clearing	•
One Shot Electricity Consumption	•	Segment Charging Function	•	Accumulated Electricity Clearing	•
One Shot Electricity Bill	•	Chinese/English Languages	•	Factory Reset	•
One Shot Electricity Time	•	16 Currency Units	•	Help	•

Timing index

Timing range	999 days 23 hours 59 minutes
Timing resolution	1 minutes

Currency unit maintained

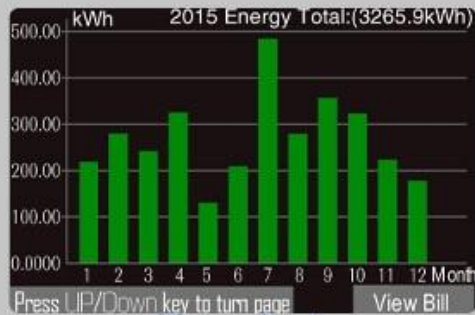
Currency	RMB(Simple)	RMB(Tradition)	USD	EUR	GBP	JPY
Symbols	元	圆	\$	€	£	¥
Currency	Won	Lire	Thai Baht	Peso	IDR	RM
Symbols	원	₺	฿	₱	Rp	RM

Other indicators

Operating voltage	AC85~265V	Operating frequency	45~65Hz
Temperature	0~40	Humidity	≤90%RH
Size (length x width x height)	125mmx79mmx56.5mm(the height does not contain the plug's)	Weight	

History records

It records the power data every day, including the Electricity Consumption and Bill. Users can see the history records from Year-chart, Year-list, Month-chart and Month-list in the page of "History records".



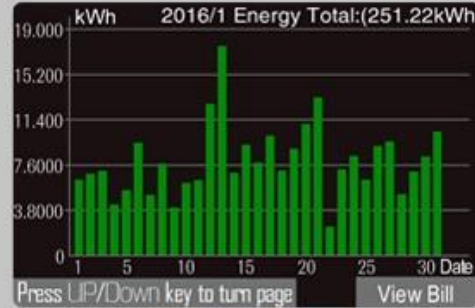
Year-chart

(The bar chart is the record of every month)

Month	Energy(kWh)	Bill(\$)
2015/1	220.562	149.98
2015/2	279.214	189.87
2015/3	251.223	170.83
2015/4	323.258	219.82
2015/5	133.220	90.59
2015/6	211.568	143.87
2015/7	490.210	333.34
2015/8	278.337	189.27

Year-list

(The list is the record of every month)



Month-chart

(The bar chart is the record of every day)

Date	Energy(kWh)	Bill(\$)
2016/1/8	7.79723	5.30
2016/1/7	5.32494	3.62
2016/1/6	9.50882	6.47
2016/1/5	5.70529	3.88
2016/1/4	4.56423	3.10
2016/1/3	7.22670	4.91
2016/1/2	6.92242	4.71
2016/1/1	6.65617	4.53

Month-list

(The list is the record of every day)

Dimensions (e.g.EU16A)

Future-oriented, Emmet will continue to push forward based on China, for the world, embrace global brand of the appliance industry.



(Note:it is manual measurement,has 1-2mm error.)



ZHURUI-TEC

PR10 Power Recorder

PR10 help you to measure the electricity consumption every day !

PR10 Power Recorder

- Series of High-quality -



Voltage 220.3v	Current 0.000A	≡/←
Power 0.00w	PF 0.000	△/⏻
● Total	● OneShot	▽/□
0.62118kWh	0.49533kWh	↶/⏻
0.42€	0.34€	↷/⏻
0d 2h 32m	0d 1h 58m	
2016/3/29 10:15:27		

/ Chinese / English UI freely chosen 16 currency units can be set freely



Types of sockets



Alarm and Timer



Historic records

360°

All directions

(e.g. PR10-C EU16A)

We own a cohesive and professional group, our aim is to our customers on basis of great products and excellent service, located in Rongga, Shunde, Poshan.



Taken in kind

