

Smart Power Meter

This device is a multi-tasking aid that can perform many tasks at once. Sensors, display, indicators, puses, level indicators can be seen in this device. The power in is on the right side of this device and the power out is on the left side. Two displays can also be seen in the device. When the device is connected to the electricity and powered on, the display will show the voltage, frequency, current measurement and power measurement, power fact and energy kwh measurement on the display.

It is possible to further analyze the data through a computer. In addition to the data displayed on the screen of the smart power meter device, a load curve chart is also displayed on the computer. Also, there is a possibility of calculating the electricity bill by these devices. Accordingly, the electricity bill related to the kw used by the customer is displayed on the computer screen in rupees. It is a unique feature of this device.

Another unique feature of this device is that it can be adjusted to make use of the required kw. Accordingly, after specifying the amount of kw required by the set button on the device, when the maximum kw amount is completed, the device will automatically turn off the supply.

Examples - *If a customer needs to use only 3kwh of power per day, when the set button is set to 3kwh, the device will cancel further power supply after that amount is completed.*

This device also provides a security system to the customers. If there is a fire or something like that due to the gas sensor in the device, the device will turn off the power supply. It can be seen in this device as a very safe method.

Moreover, another important feature of this device is that it can be used even when there is a power cut. This device is powered by the device's battery when there is a power outage. Therefore, in the face of sudden power outages, this device has the ability to maintain the

functionality of the device without damaging the device or the data mentioned in the device. Even if the power is disconnected, the LDR bulb in the device has provided the opportunity to use the device without any interruption even in the dark. .

This device provides 12v and 5v power voltage that the customer needs to charge their electronic devices in the event of a power cut. Accordingly, routers can be charged with 12v and mobile phones can be charged with 5v. The battery level of the device is displayed on the device. It is very important that the LDR bulb and both 12v and 5v outputs can be used for at least seven hours when the power is cut off.

This device can be used in many areas. This device can be used very successfully for home use and electrical equipment testing.