



EuP is popular concept for normal household electric product, as computer, TV and etc... It's in order to save energy when the electric product in the mode of standby. Although EU didn't limit inverter to comply with EuP direct, our engineer feels this idea is goods and exercises this concept in our inverter to save the energy of battery. It should be innovation in the product of inverter.

### **Design Principle**

This circuit design of EuP is controlled by CPU programme. Under EuP mode, our inverter will detect whether output connect any electric product every 4-6 seconds. When inverter detects no electric product connected, the inverter will go to standby and its standby current will be 0.03A~0.15A under EuP mode.

### **Normal mode vs. EuP mode**

Because of this circuit design, our inverter will detect output every 4-6 seconds. There may be times when end-user connect their electric product to our inverter during this period of detecting time, the electric product won't be powered on immediately because the inverter is in between detection. There will be few seconds of delay to switch on electric product. It's okay for normal household electric product. However, for some kinds of power tools, we recommend end-user to switch the mode to normal mode due to the nature of certain power tools, as they may require to be powered on instantly without delay when user switches the power on.