



Scientific & Technology Park

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## SPECIFICHE KING LOGGER



### **What is King Logger?**

King Logger is a powerful data monitor, processor and recorder designed for inverters.

### **Where is King Logger in the PV system?**

King Logger connects between inverters and other computers and/or communication facilities. The logger can also act as a standalone PV system monitor.

### **How does king logger work?**

King Logger retrieves operational data of connected inverters and records that data on a CF card. The Logger can use this data to generate colorful graphs on the LCD and send performance related messages via Mail, or SMS.

The major functions are:

1. Monitor the performance of a PV system
2. Store history data in its CF (Compact Flash) memory
3. Change the operational parameters of inverters
4. Present data in graphical displays
5. Sending SMS and email for notification

## Features

- Color Graphic display
- Touch pen operation
- Real-time clock
- Automatic backup to prevent data loss
- RS232, RS485 and multi-interface
- RJ45 Ethernet socket
- Universal AC power input
- Wall mounted or standalone with frame supporter
- Alarm notification by SMS and MAIL
- CF card storage, user accessible
- Multiple language extende (English)
- Data logging data for more than 3 years if a 512Mb storage media is used

## Description

The King Logger for PV inverters. The name of the data logger is “King Logger”. The naming “King” means powerful and friendly to operate the device. We intended to develop a product that users do not have to read the user manual for basic operation.

## Operation Environment:

The King Logger is designed to be used indoor. The King Logger can be used for logging Solar King inverters. Backward compatible: The later version of King Logger must be compatible with earlier version.

## Introduction

The Logger is a 5.7” touch panel. It adopts High performance processor and fanless cooling system. With CISC-base low power consumption processor, the Logger greatly improves the problems such as hardware expansion, operating function and storage performance.

Besides, the Logger is equipped with PC104 and provides one iniPCI slot for expansion and is the best solution for factory automation, machine maker and building automation.

## High performance and TFT LCD

In response to market demand, the Logger adopts CISC-base processor and graphic display.

Unlike the traditional RISC-base product, the Logger has greatly improved I/O expansion, operating performance and storage capability.

## Easy to extend: PC/104 & Mini PCI & WLAN antenna (optional)

The Logger is equipped with PC/104 slot for communication expansion such as serial ports, DIO/AIO points and LAN port. Besides, it also provides Mini PCI slot for wireless expansion. By simply plugging in the wireless LAN card, customers can use the Logger in wireless environment.

## Easy to plug: CF card design

The Logger is designed with the concept of easy-to-update.

User can update the newest CE image just by changing CF card from its easy-to-plug CF slot.