

# RF80-K Charger/Analyzer



The RF80-K is the worldwide industry standard for aircraft battery charger/analyzers. With its many user-friendly features, automatic operation, digital timers and displays, and selection of several charge modes including Christie's ReFLEX charger, the RF80-K is unsurpassed. And the RF80-K (CE) model, p/n 121630-006 is CE Approved. Adopted by the US Air Force, UK MoD and nearly all major air carriers, the RF80-K is truly the worldwide industry standard.

**Introducing the New Christie RF80-M. The First Programmable Aircraft Battery Charger/Analyzer with Touch Screen Display. Now offered with our latest ABMS-10X Battery Management System.**

- New RF80-K PC Interface with AB3000 Controller
- Simple, Straight-Forward Operation
- Heavy Duty Design and Performance
- Digital Timers & Displays
- Charges and Analyzes All Aircraft Batteries
- Ni-Cd and Lead-Acid, all manufacturers
- Unique ReFLEX Quick-Charger
- Constant Current Charge
- 2-Step Constant Current Charge
- Constant Potential Charge, for Lead Acid
- Constant Current Discharge, for Capacity Testing
- DigiFLEX Analysis for Visual Status Indication
- Cell Voltage Balance Testing, Internal Voltmeter
- CE European Approval, RF80-K (CE)Note: The RF80-K model replaces the previous RF80H design, which was discontinued in 1991.

## **Mechanical:**

Size: 18.5" (47.1 cm) wide x 21.5" (54.6cm) deep x 11" (27.9 cm) high Cabinet: 17"(43.2cm) wide x 20.8" (52.3cm) deep x 1.25"(26cm) high  
Net weight: 145 pounds (65.9 kg) Front Panel Material: Steel with polyester overlay Case material: Steel

## **Electrical Input:**

Voltage: 110, 208, 220 VAC Frequency: 50/60 Hz Current: 25 amperes, maximum

## **Electrical Output:**

Unique RF80-K ReFLEX Charge: 2 to 80A  
Constant Current Charge: 1 to 65A, maximum  
Constant Current Discharge: 0.2 to 60A

## **Electrical Display:**

Current: 99.9 full scale, accuracy  $\pm 2\%$  of full scale Individual Cell: 19.9 full scale, accuracy  $\pm 2\%$  of full scale DigiFLEX: 10 segment trend bar display

## **Environmental (Non-Operating):**

Ambient Temperature:  $-40^{\circ}\text{C}$  to  $+71^{\circ}\text{C}$  Altitude: 0 to 50,000 feet

## **Environmental (Operating):**

Ambient Temperature:  $-40^{\circ}\text{C}$  to  $+71^{\circ}\text{C}$  Altitude: 0 to 50,000 feet

## **Warranty:**

One year parts and labor The RF80-K is Distributed & Supported By: CHRISTIE Distribution & Service Center Marvel Aero International, Inc. 20381 Lake Forest Drive, Suite B3 Lake Forest, CA 92630 USA Tel: +1 949 829 8264 Fax: +1 949 829 8394 [smarvel@christiecbcs.com](mailto:smarvel@christiecbcs.com)