

Datalog Controls and Solutions Pvt. Ltd.

.....A team for real time Data Acquisition



DATALOG CONTROLS AND SOLUTIONS PVT LTD

Plot no: 196, Phase – II, IDA, Cherlapally.

HYDERABAD

www.datalogcontrols.com

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About Datalog Controls

Datalog Controls and Solutions was established in the year 1998 with an objective of developing indigenous Test and data acquisition solutions. Over the two decades, **Datalog** has pioneered the design and development of complex missile battery test systems, electronic load banks, High Power DC sources, automated test setups and so on.

Being an ISO 9001:2008 Certified organization, **Datalog** has been involved in the successful development of many customized solutions to various defence establishments, PSUs and the Private Industry.

With an excellent manufacturing facility, **Datalog** is empowered by its highly qualified team of engineers in the research and development, takes up highly challenging and complex tasks for the defence, military, railways and the industry.

PRODUCTS...

- **Load Banks**

- **Electronic Loads**

- **Resistive Loads**

- **Inductive Loads**

- **Battery Chargers**

- **Test Systems**

- **Battery Packs**

- **Power Supplies**

- **DC System for IPP**

- **MIL Grade DC-DC Converters**

- **Others**

48V DC System

KIT includes: Charger, Inverter

Salient Features:

- **48V 80AH LiFePO4 based battery pack with BMS**
- **48V/25A SMPS Based FCBC**
- **48V, 1KVA 230V Pure Sine wave Inverter**
- **Proven robust design for Harsh Environment**
- **IP54 compliant, Modular 19" rack structure or 36" Rack structure models**
- **All required protections for the Battery pack**
- **Protection and Control: Overload, Over Voltage, Short circuit protections**
- **In built Soft Start feature**
- **Standard and branded switch gear for AC & DC Power distribution**
- **Solid-state, audio-visual annunciation system shall be provided with acknowledge/reset /test push button and hooter. Annunciation system shall operate on DC. The arrangement shall be such that on occurrence of a fault the corresponding window shall light up and stays lighted until the fault is acknowledged and reset button is pressed**
- **Charger Function:** Auto voltage control (CV mode), Maximum Voltage Limiter (CV Mode), Drooping characteristic, Soft Start Feature, DC Overload Trip and Alarm, DC Overvoltage Trip, DC Under voltage Alarm, Reverse Blocking
- **Alarm & Indications:** AC Supply Failure, Charger Overload, Filter fuse blown, DC output fuse blown, Float/boost charger fail, DC System under voltage, DC System over voltage
- **Charger Panel Minimum Indications:** Charger power supply ON, Charger DC output healthy, Control Supply ON, DC supply healthy, Float/boost charger in operation





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