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

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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**

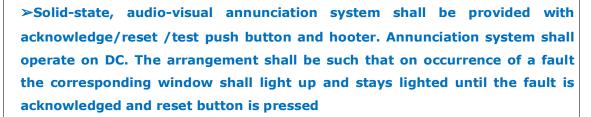
48V DC System

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





- ➤ 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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