

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**

- **Battery Packs**

- **Test Systems**

- **Power Supplies**

- **MIL Grade DC-DC Converters**

- **Others**

30W DC-DC Converter

Salient Features:

- Specifically designed for MIL, Aerospace, and Industrial and Telecom
- 18V to 36V input
- 5V, 12V and 15V output
- Efficiency up to 95%
- Standard case J5 package
- Fixed frequency operation
- Inhibit Function
- Isolated and Non-isolated
- Short circuit protection
- Over temperature shutdown
- 40 ° C to 85 ° C Operation



40W DC-DC Converter

Salient Features:

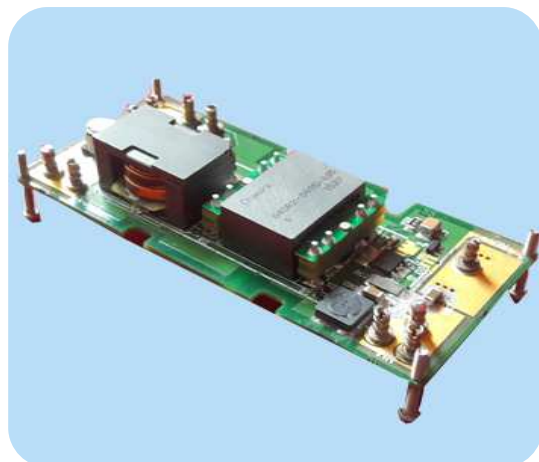
- Specifically designed for MIL, Aerospace, and Industrial & Telecom
- Designed to meet MIL STD 810-G
- Input voltage: 18-36VDC
- Line & Load Regulation Less than $\pm 2\%$
- Efficiency up to 80%
- Isolation: Input, Output & Case
- Inhibit Function
- Current limiting continuous protection throughout operating duration
- Over temperature shutdown
 - at base plate temp $+105\text{ }^{\circ}\text{C}$ ($\pm 5\%$) automatic recovery at base plate temp of $+95\text{ }^{\circ}\text{C}$ ($\pm 5\%$).



100W DC-DC Converter

Salient Features:

- > Specifically designed for MIL, Aerospace, and Industrial & Telecom
- > MIL STD-810D Environmental
- > Line and Load Regulation Less than $\pm 1.5\%$
- > Efficiency up to 94%
- > Isolation: Input, Output
- > Under voltages lock out (UVLO) and current limiting protection
- > Over temperature shutdown and -40°C to 85°C operation



220W Dual output DC-DC Converter

Salient Features:

- > Specifically designed for MIL, Aerospace, and Industrial & Telecom
- > meets or exceeds MIL- STD-810D Environmental
- > Line & Load Regulation Less than $\pm 1.5\%$
- > Efficiency up to 93%
- > Isolation: Input, Output & case
- > Current limiting continuous protection throughout operating duration
- > Over temperature shutdown at base plate temperature $+105^{\circ}\text{C}$ ($\pm 5\%$)
- Automatic recovery at base plate temperature of $+95^{\circ}\text{C}$ ($\pm 5\%$)





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