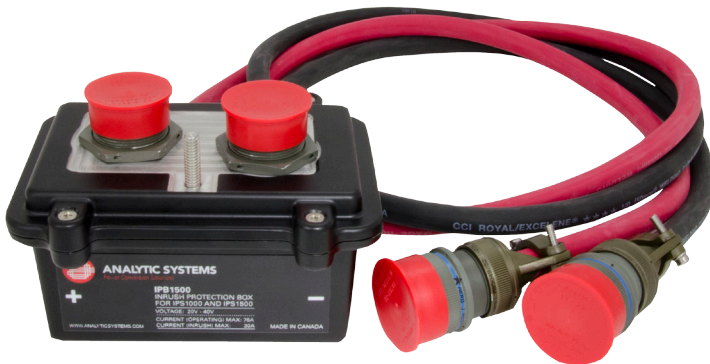


ANALYTIC SYSTEMS

Power Conversion Solutions

INRUSH PROTECTOR BOX

**MODEL
IPB1500**



Benefits

- Quiet Operation
- Reliable
- Economical

Design Features

- Provides a solution for retrofitting systems that use converters with high input inrush current.
- Easy installation (like extension cord)
- Short circuit protection at startup
- Negligible insertion loss
- High current
- Low power consumption (less than 1mA)
- Wide operating temperature range (-40C +60C)
- Easy to customize (on request)
- 3 years warranty

Description

The IPB500 Inrush Protection Box

This product can be used to limit the inrush current at startup when connecting inverters or DC-DC converters with high input capacitance. The new design uses MOSFET based technology for high reliability, low power consumption and minimum size.

Applications

- Limit inrush current for inverters/ converters running from limited power sources such as:
- Power supplies
- Li-Ion batteries

An ISO9001 and AS9100 Registered Company Battery Chargers • Inverters • Power Supplies • Voltage Converters

Tecknowledgy Defense, 8 John Walsh Blvd, Peekskill, NY 10566 USA, T: 914-739-4499, F: 914-739-5599

defense.tecknowledgy.com

INRUSH PROTECTION BOX

MODEL IBP1500

Electrical

Nominal Vac (ip)	20 - 40V	40-80V
Input Amps after inrush (continuous)	80A Continuous	50A
Input Amps (peak)	350A	
Input Fuse (AGC)		On Demand
Inrush Current Limit		Max 30A (can be adjusted on demand)

Environmental Specification

Vibration	MIL-STD-810
EMC	
Operating temperature	-40°C to +60°C
Input Isolation	min 500V to chassis

Mechanical Specification

Size (excluding external wiring)	5.91" x 3.75" x 4.68" (in)
Material	Aluminum
Finish	
Weight	
Connections	Custom
Warranty	3 years

Note: Specifications are subject to change without notice.



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