



STANDARD 120V INPUT, 525W - FAULT TOLERANT DC TO DC CONVERTER SERIES

General Specifications

120 Volt DC input / 0V– 75 Volt DC output
Output Power 525W
Low ripple and noise
Direct paralleling
Remote sense
Enable input
Fault detection output
No minimum load
Built-in output filter
Overtemperature shutdown

Performance Specifications

INPUT VOLTAGE

90 – 130 VDC

OUTPUT

75VDC, +75.0V@7.0A

ISOLATION

Input/Output 1500 VDC

Input/Chassis 1500 VDC

Output/Chassis 1500 VDC

EFFICIENCY

90% @ 6.5A

REGULATION

Line 1.0% Max

Load 1.0% Max

TEMPERATURE RANGE

Operational From -55°C to +100°C

Storage From -55°C to +125°C

Fault Tolerant Power Converter

PROTECTED AGAINST:

Electrostatic discharge and lightning
Output short circuit
Input overvoltage up to $\times 2$
Output reverse power feed within voltage rating
100% humidity, fungus and dust
Overtemperature (+100°C)
Large external capacitive loads
Input under voltage

ZIN Power

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