



Item # FB48S12-50, Full-Brick, 600-Watt, 12 Volts Output

List Price **QUOTE**

The **FB48S12-50** offers 600 watts of output power in standard Full-Brick package. This product features high efficiency up to 90%, high power density and 1500 Volts of DC isolation. This converter is reliable, and compact with a single output voltage. This module delivers up to 50A of output current and provide a precise regulated output voltage over a wide input range of 36 to 75 volts.

The **FB48S12-50** operates over a wide case temperature range of -40°C to $+100^{\circ}\text{C}$. It offers direct cooling of dissipative components for excellent thermal performance. The main features of this converter include remote On/Off (positive or negative), remote sense, output voltage adjustment, over voltage, over current and over temperature protection.

Specifications

Minimum Input Voltage (V)	36
Maximum Input Voltage (V)	75
Output Voltage	12 V
Maximum Output Current (A)	50
Efficiency (%)	90
Data Sheet (PDF Link)	Full-Brick, 600 Watt data sheet

© DATEL is a registered trademark of DATEL, Inc.