



**FEATURES**

3U x 19" x 260 mm  
 From 1 to 8 PSU FAB0501009  
 INPUT : 36-75 Vdc  
 OUTPUT : 48Vdc  
 POWER : n x 500W (n is the number of PSU)  
 Efficiency : 87 % typ.  
 Convection cooled



**APPLICATIONS**

Telecom.

**INPUT**

Voltage range : 36 - 75V  
 Nominal : 48 Vdc  
 Input protection : n x fuse 20A  
 transient and surges protected  
 reverse polarity protected

**OUTPUT**

Voltage : 48Vdc  
 Current : n x 10,4A nominal  
 Trim range : 90 % to 110 % of 48Vdc (factory adjustable)

	OUTPUT		Conditions
	Typ.	Max.	
<b>Line regulation</b>	0,01 %	0,5 %	Low line to high line ; full load
<b>Load regulation</b>	0,2 %	1 %	No load to full load
<b>Ripple and noise</b>	0,5 %	1 %	Peak to peak, nom. Input ; full load
<b>Current limit</b>	115 % of I nominal		Vout = 95% of nominal ; Automatic restart

## SPECIAL FEATURES

From 1 to 8 PSU FAB0501009 with input voltage detection circuit

Input range : 36-50,2 Vdc

Switch in Input to output direct transfert operating mode

Efficiency : 96 % typ.

Input range : 50,2-75 Vdc

Switch to FAB0501009 operating mode

Vout = 50,5Vdc

Efficiency : 87 % typ.

## SIGNALS

Output OK : Green led when FAB0501009 is operating

OVP : Red led, Vout > 53Vdc, switch in FAB0501009 operation

## ENVIRONMENTAL

Storage temperature : -40°C to +100°C

Operating temperature : -20°C to 25°C ambient at 60 % of nominal power, convection cooled

-20°C to 55°C ambient, nominal power, forced air

## ISOLATION

Input to chassis : 500 Vrms or 700 Vdc

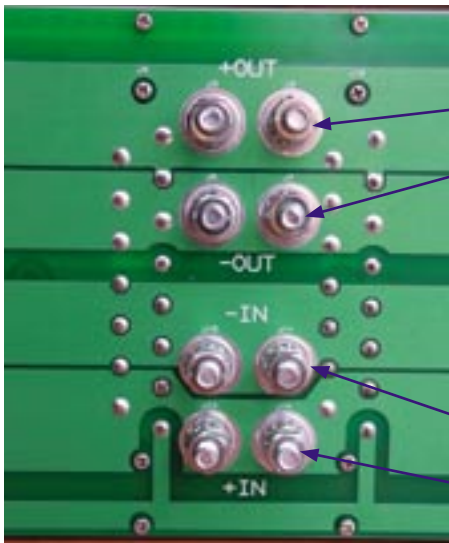
Output to Chassis : 500 Vrms or 700 Vdc

## GENERAL

**Safety :** built to meet EN60950

**EMI :** built to meet EN55022A, conducted.

## MECHANICALS



### OUTPUT : M6 studs

#### DESCRIPTION

+ OUT

- OUT

### INPUT : M6 studs

#### DESCRIPTION

- IN

+ IN