



PRELIMINARY



FEATURES

350 x 200 x 150 mm
Vin : 90-264Vac
Vout : 24V / 25A
Pout max : 600W
Convection cooled
IP54

APPLICATIONS

Defence application, vehicle embedded. IP54 protected.

INPUT

Voltage range : 90-264Vac Frequency : 50 / 60Hz
Input protection : Transient and surges
Fuse
EMI : EN55022

OUTPUT

Voltage : 24V/25A nom. at 110-264Vac 47-63Hz
24V/17A nom. at 90-109Vac 47-63Hz
Pmax. : 600W
Current limit and short circuit : protected

	V 1		Conditions
	Typ.	Max.	
Line regulation	+/- 0,2 %	+/-1 %	Low line to high line ; full load
Load regulation	+/- 0,2 %	+/- 1 %	25 % to full load
Ripple and noise	1 %	1,5 %	Peak to peak - Bandwidth 20MHz according to o/p voltage
Current limit	115 % of I max.	115 % of I max.	Vout = 95% of nominal ; Automatic restart

SIGNALS

Output OK : green led
AC OK : green led in switch ON/OFF

ENVIRONMENTAL

Storage temperature : -40°C to +105°C
Operating temperature : -20°C to +55°C

ISOLATION

Input to chassis : 1500 Vrms or 2121 Vdc
Input to Output : 3000 Vrms or 4242 Vdc
Output to Chassis : 500 Vrms

GENERAL

Safety : built to meet EN60950
EMI : built to meet EN 55022B, conducted, EN61000-3-2, MIL STD 810 which apply to tracked vehicles.

MECHANICALS

Weight : 6 Kg

INPUT : Souriau connector

PIN	DESCRIPTION
A	Earth
B	Neutral
C	Line



+OUT4 +OUT3 +OUT2 +OUT1

OUTPUT : Screws studs M8

PIN	DESCRIPTION
+OUT1	24V
+OUT2	24V
+OUT3	24V
+OUT4	24V

MOUNTING : 10 holes Diam. : 6,2mm

