

Special Features

350 Watt Output Power
Aluminium Substrate PCB Technology
Efficiency $\geq 88\%$
Hot Plug Capability
Electronic Input Over Current Protection
Operating Temperature: -20 to $+60$ °C
Inrush Current Limiter max: 15 A
Positive / Negative Remote Sensing on +13V and +28 V
Over Temperature Monitor Signal



Applications

Telecommunication Equipment
Tetra Base Station

Input Specifications

Input Voltage	-48 Vdc (-36 to -72 Vdc)
Input Current (max)	10.6 A @ -36.0 Vdc
Input Protection	Reverse polarity, electronic current limiting

Output Specification

Maximum Output Power 350 W

Output Voltage	+5.0V	-5.0V	12Vaux	13V	28V
Output Current	0 to 3 A	0 to 0.3 A	0 to 0.5 A	0 to 4 A	0 to 10 A
Voltage Regulation	$\pm 2\%$	$\pm 2\%$	$\pm 2\%$	$\pm 2\%$	$\pm 2\%$
Ripple	<100 mV	<100 mV	<100 mV	<100 mV	<100 mV

Efficiency $\geq 88\%$ (Full Load @ 48 Vdc)

Protections

Input Reverse Polarity
Input Current Limit
Input Under Voltage
Input Over Voltage
Output Under Voltage
Output Over Voltage
Output Over Current
Output Short Circuit
Over Temperature

Features

Soft Start
Hot Plug Capability
Power Good Signal
Output Over Voltage Alarm
Output Under Voltage Alarm

Environmental

Operating Temperature -20 to +60 °C @ Full Load
Cooling External forced ventilation

Safety

Safety Agency Approvals CE Mark
Safety Standards EN60950, EN60215

EMC Compliance

Conducted & Radiated EN55022 class B
Immunity EN61000-4-4
Electrostatic Discharge EN61000-4-2
Radiated RFI EN61000-4-3
Input Line surges EN61000-4-5
Conducted RFI EN61000-4-6
EMC standard for EN 300 827
TETRA and Ancillary Equipment

Eu and RoW

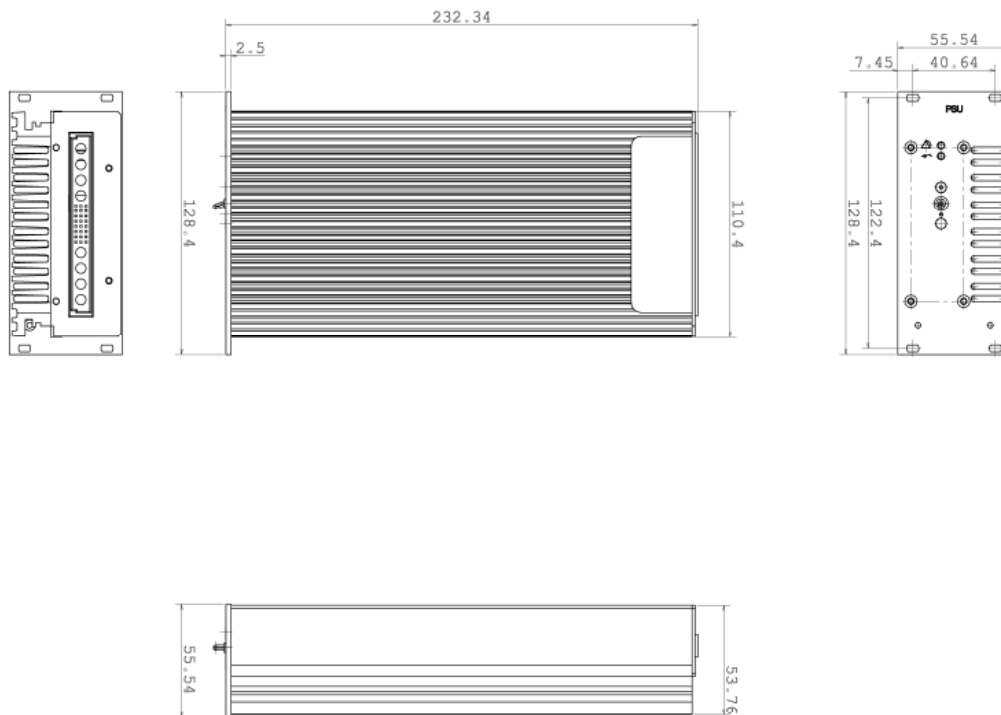
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Rev. 00 Jun 07 – Pag. 2/3

Physical Specification

Case	Closed box
Dimensions	3U X 232.34 mm X 11TE = 128.4 mm x 232.3 mm x 55.5 mm = 5.1 in x 9.1 in x 2.2 in
Weight	1.5 Kg = 3.3 lb



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Eu and RoW

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