MAXNET® II

Platinum Series

Patented
U.S.# 7,142,414

3RU Active Chassis
(front view)

Chassis & Power Supplies

Power Supplies

- 110, 220 VAC or -48 VDC to 24 VDC module offerings
- 24 VDC redundant powering (AC module - diode steered, DC module - true load share) is easily accommodated by installing two power supplies into an active chassis
- 24V rear terminal block output accommodates remote powering options
- Front LEDs indicate 24V power and power supply status
- Voltage, current, temperature, and fan status parameters are easily monitored over the network (HMS compliant (SNMP v2c)) or through a web browser; email alarm notification is also supported
- Power supply module takes up two slots in MAXNET® II active chassis (total of 24 slots)

D3.1/CCAP™ Compliant

1.2 GHz

Specifications

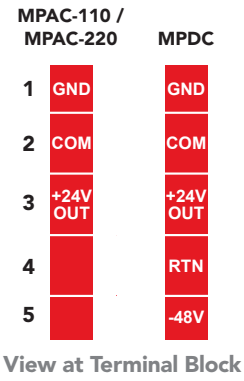
Electrical

	MPAC-110	MPAC-220	MPDC
INPUT			
INPUT VOLTAGE	110 VAC +/- 10%	220 VAC +/- 10%	-48.0 +/- 12.0 VDC
FREQUENCY	50/60 Hz	50/60 Hz	DC
INPUT CURRENT (Max)	4.0 Amps AC	2.2 Amps AC	5.0 Amps DC (-48 VDC)
POWER FACTOR	> 0.9	> 0.9	n/a
EFFICIENCY	> 0.8	> 0.8	> 0.8
OUTPUT			
OUTPUT VOLTAGE	24.0 +/- 1.0 VDC	24.0 +/- 1.0 VDC	24.0 +/- 1.0 VDC
DC OUTPUT CURRENT (Max)	8 Amps	8 Amps	8 Amps
RIPPLE VOLTAGE (Max)	200 mV P-P	200 mV P-P	200 mV P-P
MAXIMUM POWER OUTPUT	250W	250W	250W
OTHER			
APPROVALS	Component: cULus, FCC Entire Module: Approvals Pending (cULus, FCC, CE)	Component: cULus, FCC Entire Module: Approvals Pending (cULus, FCC, CE)	Component: cULus, FCC Entire Module: Approvals Pending (cULus, FCC, CE)
24V POWER INDICATOR	Front: Green LED	Front: Green LED	Front: Green LED
ALARM STATUS	Front: Red Flash LED	Front: Red Flash LED	Front: Red Flash LED
TERMINAL BLOCK WIRING	# 12 AWG	# 12 AWG	# 12 AWG
OPERATING TEMPERATURE	0°C to +50°C (+32°F to +122°F)		
HUMIDITY	5-95% (without condensation)		
DIMENSIONS	4.9"H x 1.4"W x 10.5"D (12.45H x 3.56W x 26.67D cm)		
WEIGHT	2.75 lbs (1.25 kg)	2.75 lbs (1.25 kg)	2.65 lbs (1.2 kg)

Rear Terminal Block Assignments

TB#	MPAC-110	MPAC-220	MPDC
1	GND	GND	GND
2	COM(1)	COM(1)	COM(1)
3	+24V OUT(1)	+24V OUT(1)	+24V OUT(1)
4			RTN
5			-48V

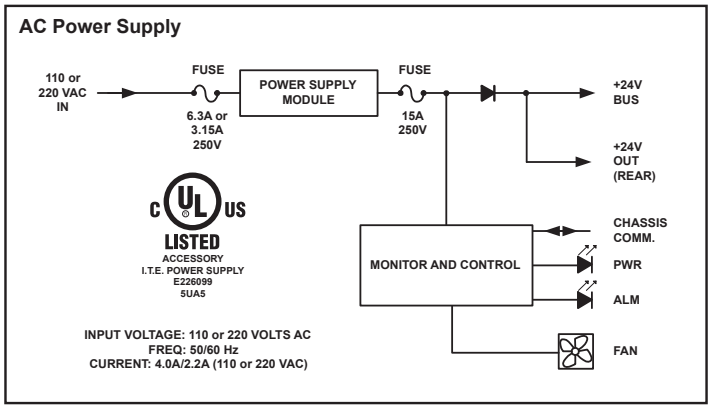
NOTE:
(1) 24V output on rear panel terminal block allows for remote powering to other MAXNET II active chassis

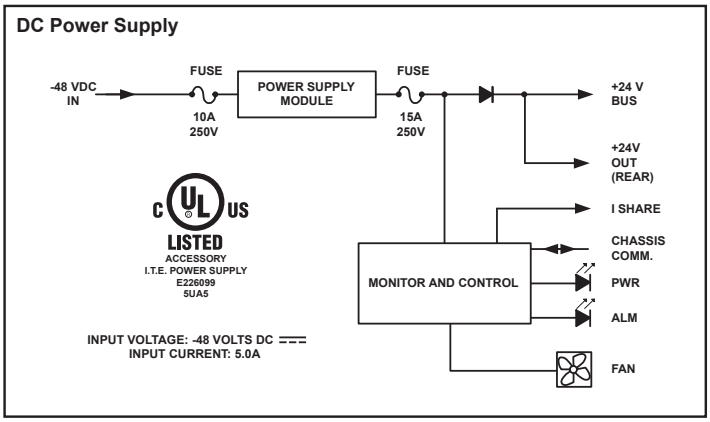


View at Terminal Block

Ordering Information

Part Number	Description
MPAC-110	110 VAC to 24 VDC 250W Power Supply
MPAC-220	220 VAC to 24 VDC 250W Power Supply
MPDC	-48 VDC to 24 VDC 250W Power Supply

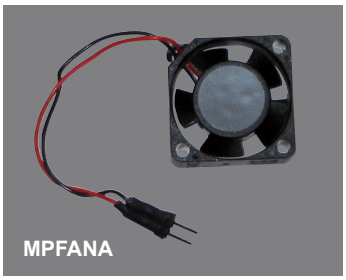




Functional Schematics

Replacement Fan

- Front access replacement fan



Ordering Information

Part Number	Description
MPFANA	Replacement Fan for MAXNET II Receivers, Power Supplies and Amplifiers

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