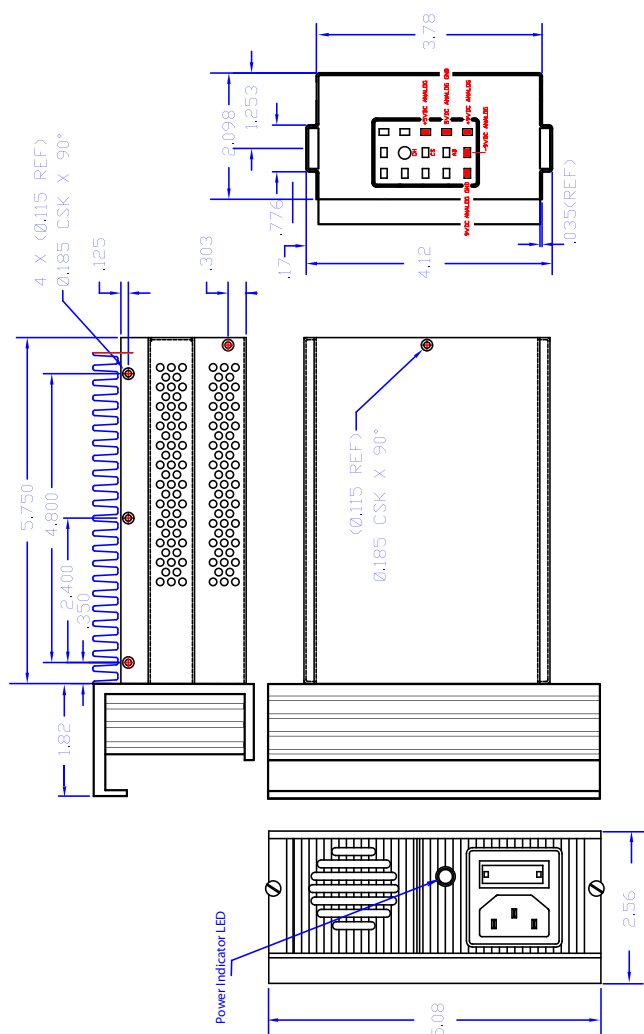# Operating and Installation Instructions

Switching Power Supply PS-150

DESCRIPTION

The PS-150 is a 120W switching power supply that powers Meridian Technologies SR-1200, SR-1500, SR-2000 and SR-2001 chassis. The unit is state of the art, highest wattage per square inch power supply. Unit is installed by sliding into the rear of the subracks.

SYSTEM COMPATIBILITY

The PS-150 features universal input voltage of 85-270 VAC, 50/60 Hz (without switch) and is 80% efficient. Unit also may be offered as a pair to provide redundancy in the chassis.

INSTALLATION

 To install the PS-150 simply slide it into the power supply slot of the chassis.   The unit is held to the chassis extrusions by 2 captive screws (supplied).

FEATURES

 PS-150 provides three output voltages as follows:
1. +9V to supply cards
2. -9V to supply cards
3. +5V to supply analog diagnostics of cards and Interface PCB

Power	
Power Input	120-240VAC @ 2.0A (max.) 50/60 Hz
Power Output	+9 VDC @ 5.5A ; -9 VDC @ 5.5A ; +5 VDC @ 0.75A
Power Indicator	Green LED - Power On
External Power Cord	Length: 7'6" (2.2 m) Type: 18/3 SVT USA plug: NEMA 5-15P / IEC60320-C13

Temperature	
Operating Temperature	-20C° +70C°

Physical	
Dimensions	194 mm (7.6") L, 130 mm (5.1") H, 66 mm (2.6") W
Weight	1407 g (3.1 lb.)

Regulatory approvals	
Safety Standards	Designed to meet the following standards: UL60950 CSA 22.2 No.234 EN60950
EMI Standards	Designed to meet the following standards (with custom system): FCC docket 20780 curve "B" EN55022 "B" EN61000-3-2
EMS Standards	Designed to meet the following standards: EN61000-4-2 8KV air discharge EN61000-4-3 3V/M EN61000-4-4 2K EN61000-4-5 2K

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