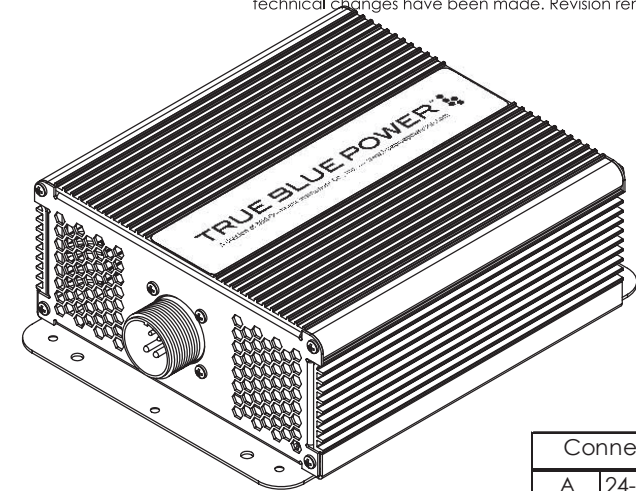
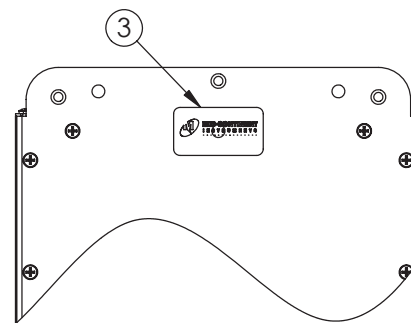
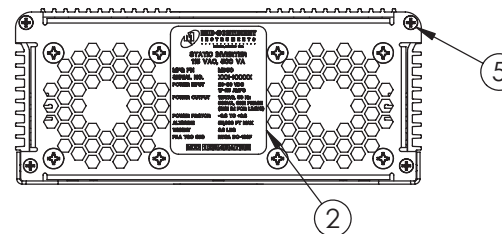


Revision				
ECO	Rev .	Description	Date	Approved
		See obsolete drawings for revision history.		
5428	C	Added 9017130 Label. Power Inupt was 22-34.	07/20/10	MKN/BAW
5538	D	Quantity of Warranty Decal was 2, and they were between endplates and base. Added Torque Seal.	01/10/11	MKN/JDS

Logo and company name have been changed in title block only. No functional or technical changes have been made. Revision remains unchanged.



Connector Pinout	
A	24-32VDC Input
B	115VAC Output
C	Output Return
D	Input Return
E	Remote On/Off
F	Reserved
G	Remote Return



Specifications	
Power Input	20-36 VDC, 17-25 Amps
Power Output	115 VAC, 60 Hz 500 VA, Wav eform: (Single Phase Sine Wav e)
Power Factor	-0.8 to +0.8
Features	86% Efficiency, Remote ON/OFF, Harmonic Distortion under 2.4%
Protection	Ov ertemp, Short Circuit, Underv oltag e, Ov erv oltag e
Overload	150% for 5 minutes
Weight	3.9 lbs
Qualification	FAA TSO-C73 RTCA DO-160F Env . Cat. F3(Y)S2BB[RCC1]XXXXXXZXXXXXBXXXXX
Temperature	-55°C to +70°C
Altitude	55,000 feet MAX
Mating Connector	MCI p/n 9016600-2 (MS3106A-18-9S or equivalent)
Case	Anodized Aluminum, Blue

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.
TOLERANCE:
FRACTIONAL=±1/64
.XX=±0.015
.XXX=±0.005
.XXXX=±0.002
ANGULAR=±0.5°
CONCENTRICITY: 0.005 TIR
BREAK ALL SHARP EDGES
THREADS PER MIL-S-7742

DRAWN:
MKN
2/25/2010

APPROVED:
BAW
3/4/2010

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TITLE:
Static Inverter, 500VA

SCALE: 1:3

Item	Qty	Part Number	Description
1	1	9016914	MD50, Inverter Assy
2	1	9017029	Nameplate, MD50
3	1	6018956	Decal, Warranty
4	1	9017130	Label, True Blue Power
5	A/R	F-900	Seal, Torque

MidContinent™
INSTRUMENTS+AVIONICS

PART NUMBER:
MD50

DO NOT SCALE THIS DRAWING

SHEET: 1 of 1