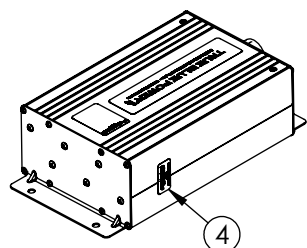
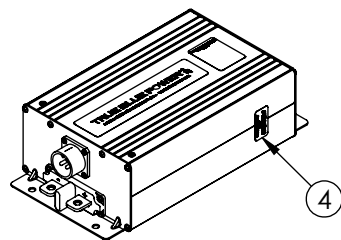
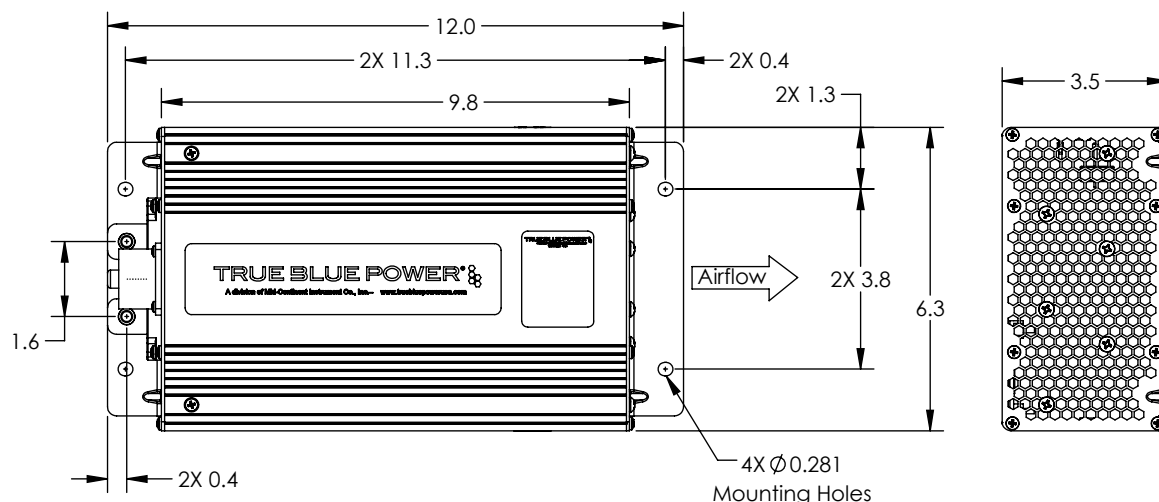
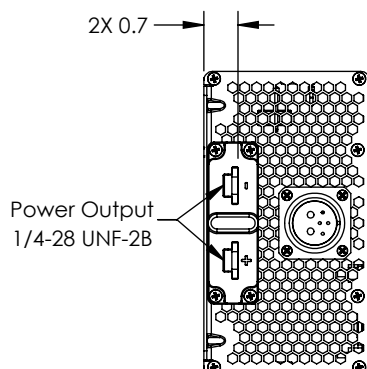
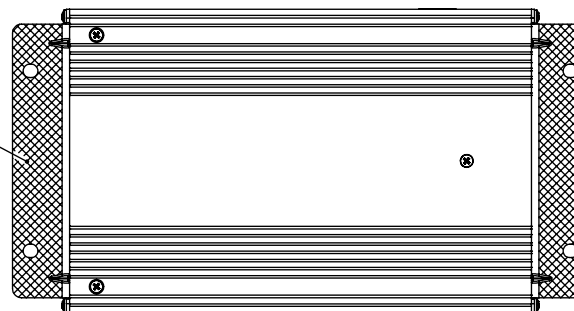


Configuration		Revision				
Dash #		ECO	Rev.	Description	Date	Approved
-1	As Shown		A	Initial release	03/11/25	MEK/ESH



Chemfilm per
MIL-DTL-5541 Type 2, Class 3
for electrical bonding
(Both Ends)



Specifications	
Model Number	TC6500
Power Input	165-320 VDC, 35 Amps Max
Power Output	28 ± 3 VDC, 6500 Watts nominal
Features	96% Efficient
Protection	Over temp, Short Circuit, Undervoltage, Overvoltage
Overload	110% for 5 minutes
Weight	10.4 lbs
Qualification	FAA TSO-C71 RTCA DO-160G (See Manual)
Temperature	-55°C to +70°C
Altitude	55,000 feet
Mating Connector Kit	9020342-1
Case	Anodized Aluminum, Blue
Install Manual	9020317

Connector Pinout per MS3102A20-8P	
A	270 Input
B	Load Share
C	Ground
D	270 Return
E	Enable
F	Fault

Item	Qty	Part Number	Description
1	1	9020201-1	Nameplate, TC6500
2	1	9019792-1	Assy, Converter, TC6500
3	1	9017130	Label, True Blue Power
4	2	6018956	Decal, Warranty Void

UNLESS OTHERWISE
SPECIFIED, ALL DIMENSIONS
ARE IN INCHES.
TOLERANCE:
.X=±0.065
.XX=±0.015
.XXX=±0.005
.XXXX=±0.002
ANGULAR=±0.5°
WEIGHT N.T.E. +5%
BREAK ALL SHARP EDGES
THREADS PER MIL-S-7742

DRAWN:	
MEK	
03/11/2025	

APPROVED:
ESH
03/11/2025

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	TITLE:
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Converter, 6500W, DC to DC

SCALE: NONE

TRUE BLUE POWER®

PART NUMBER:

6436500

DO NOT SCALE THIS DRAWING

SHEET: 1 of 1