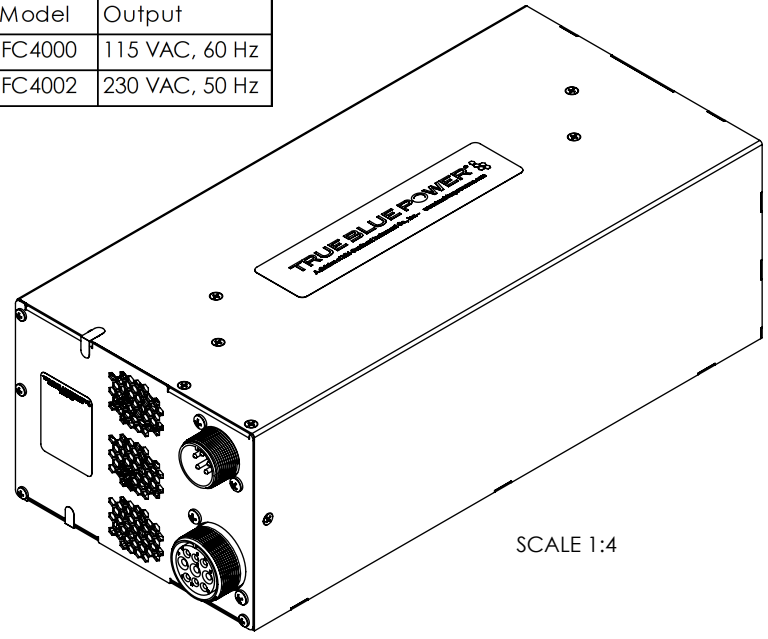


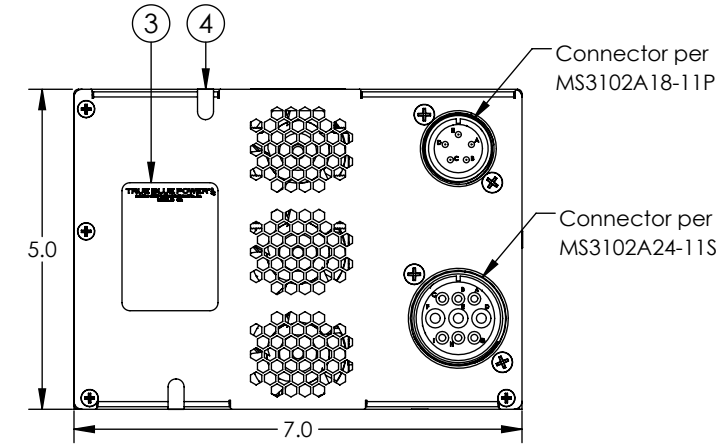
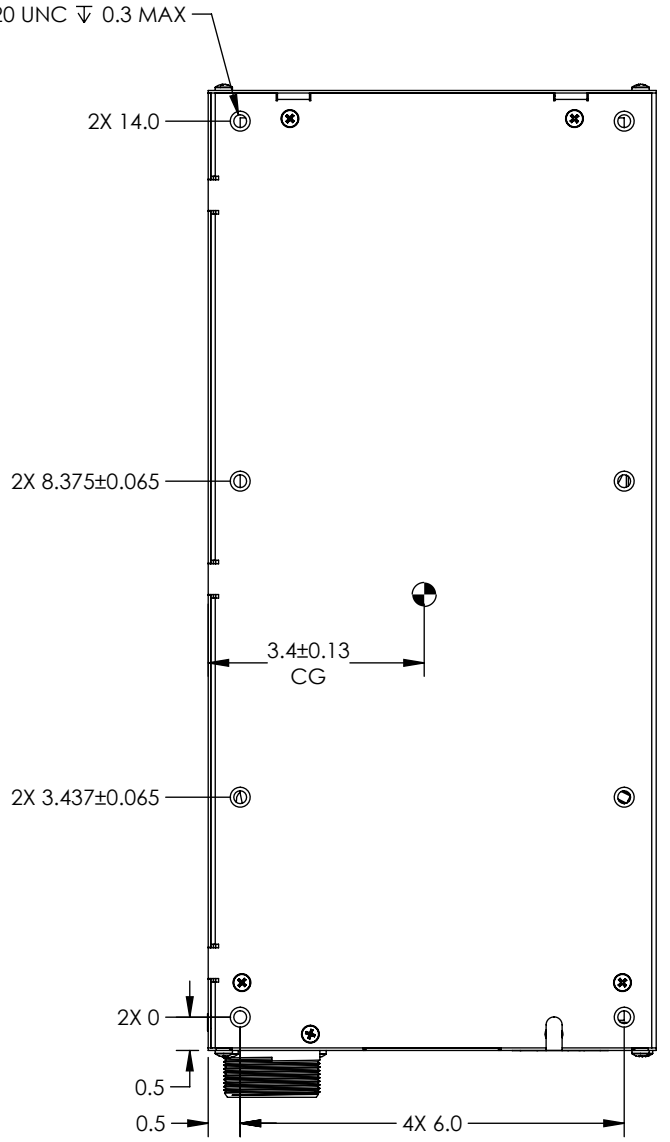
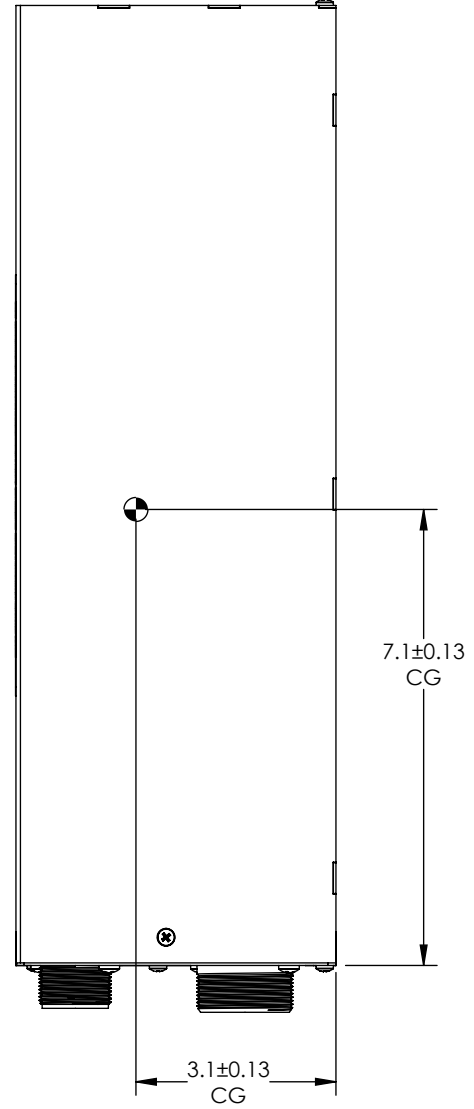
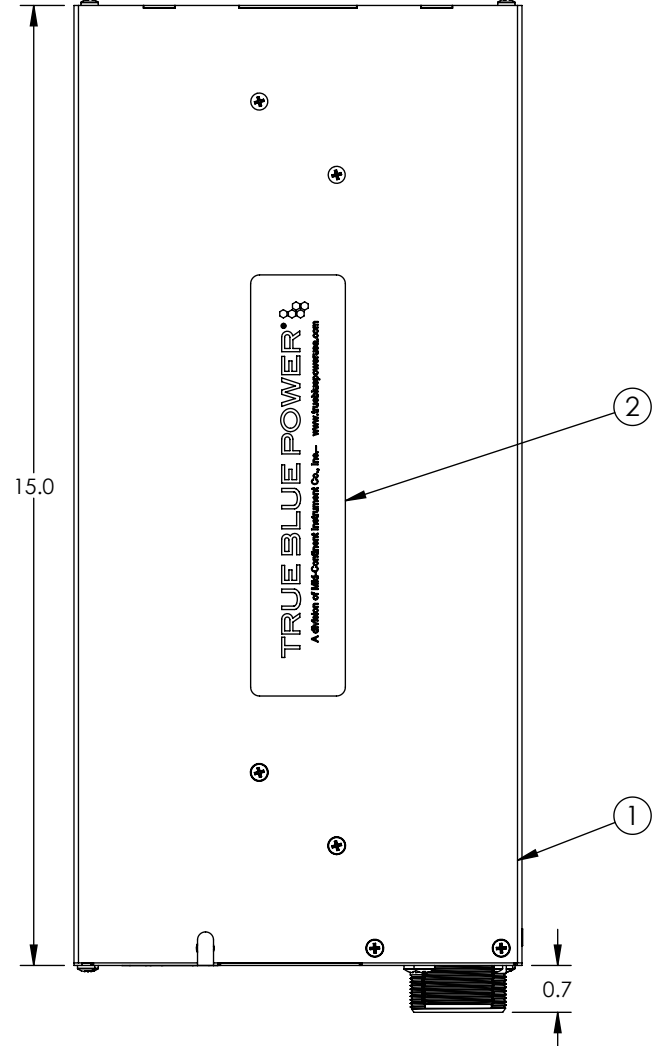
Configuration			
Dash #	Assembly	Model	Output
-1	9019516-1	TFC4000	115 VAC, 60 Hz
-2	9019516-2	TFC4002	230 VAC, 50 Hz



Revision				
ECO	Rev.	Description	Date	Approved
	A	Production release.	08/24/22	MKN/CAS
7656	B	Added FAA-PMA certification, DC Offset Protection, and center of gravity location. Updated weight from 19.8 to 18.9 lbs and dimensions 3.4 to 3.437 and 8.4 to 8.375.	07/06/23	MKN/CAS
7688	C	Added TSO-C230 and Input rated current.	10/12/23	MKN/CAS
7803	D	Added -2, TFC4002, configuration.	09/06/24	MKN/ESH

Connector Pin-out		Connector Pin-out	
MS3102A24-11S		MS3102A18-11P	
Pin	Pin Function	Pin	Pin Function
A	Remote, On/Off	A	Input phase A
B	Remote Return	B	Input phase B
C	Fault	C	Input phase C
D	AC Output	D	Neutral
E	AC Return	E	Chassis GND
F	Chassis GND		
G	Fault RTN		
H	Spare		
I	Spare		

Specifications	
Model Number	See configuration table.
Power Input	115/200 VAC, 3 phase, 360-800 Hz (13.3 A at 115 VAC, 400 Hz)
Power Output	4.0 KVA. See configuration table for AC voltage.
Power Factor	-0.8 to +0.8
Features	93% Efficiency, Remote ON/OFF, Sine Wave output, Single Phase Harmonic Distortion under 3%
Protection	Overtemp, Short Circuit, Undervoltage, Overvoltage, DC Offset
Overload	150% for 5 minutes
Weight	18.9 lbs
Certification	FAA TSO-C230, FAA-PMA
Qualification	RTCA DO-160G (See manual)
Temperature	-55°C to +75°C
Altitude	55,000 feet
Mating Connector	9019110-4 and 9019507-2
Case	Anodized Aluminum, Blue
Install Manual	9019509



Item	Qty	Part Number	Description
1	1	See config.	Assy, Converter, TFC4000
2	1	9017130	Label, True Blue Power
3	1	9019508-1	Nameplate, TFC4000
4	2	6018956-1	Decal, Warranty

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:  
VAA  
06/09/2020  
  
 APPROVED:  
CAS  
08/24/2022

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TITLE:  
**Converter, TFC4000**



PART NUMBER:  
**6434000**