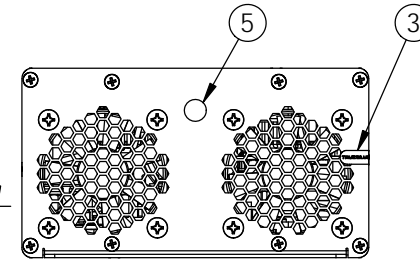
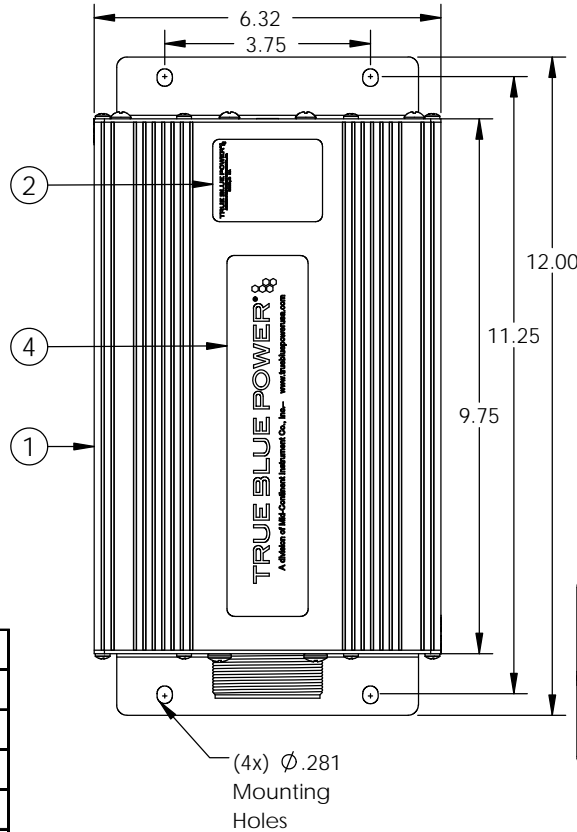
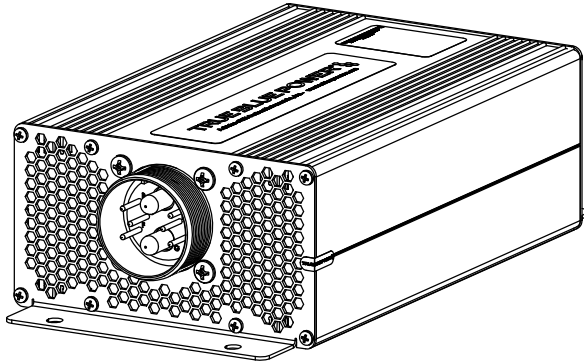


Configuration

Dash #	Assembly	Model	Output
-1	9018785	TI2000	115 VAC, 60 Hz
-2	9018785-1	TI2002	230 VAC, 50 Hz
-4	9018785-2	TI2004	115 VAC, 400 Hz

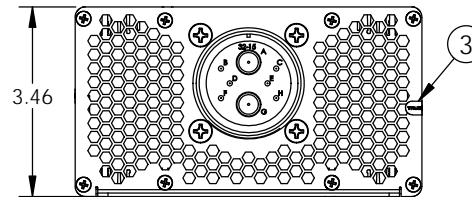
Revision

ECO	Rev.	Description	Date	Approved
	A	Production Release	08/17/17	WVC/IDD
6787	B	Added 8017212.	08/25/17	VAA/MKN
6894	C	Added -2 and -4 configurations.	03/09/18	VAA/Sch



Connector Pinout	
A	20-36VDC Input
B	Reserved
C	VAC Output
D	Reserved
E	Output Return
F	Remote On/Off
G	VDC Return
H	Fault

Specifications	
Model Number	See config table
Power Input	20-36 VDC Max, 80 Amps @ 28VDC
Power Output	2000 VA, See configuration table for AC voltage
Power Factor	-0.8 to +0.8
Features	93% Efficiency, Remote ON/OFF, Single Phase Sine Wave, Harmonic Distortion under 3%
Protection	Overtemp, Short Circuit, Undervoltage, Overvoltage
Overload	150% for 5 minutes
Weight	7.7 lbs
Qualification	FAATSO-C73 RTCA DO-160G
Temperature	-55°C to +70°C
Altitude	55,000 feet
Mating Connector	9018784-1 and 9018550-2
Case	Anodized Aluminum, Blue
Install Manual	9018787



Item	Qty	Part Number	Description
1	1	See config	Assy, Inverter, 2000W
2	1	9018786	Nameplate, TI2000
3	2	6018956-1	Decal, Warranty
4	1	9017130	Label, True Blue Power
5	1	8017212	Decal, Hole Cover

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.  
TOLERANCE:  
FRACTIONAL=  $\pm 1/64$   
.XX=  $\pm 0.015$   
.XXX=  $\pm 0.005$   
.XXXX=  $\pm 0.002$   
ANGULAR=  $\pm 0.5^\circ$   
WEIGHT N.T.E. +5%  
BREAK ALL SHARP EDGES  
THREADS PER MIL-S-7742

DRAWN:  
VAA  
12/21/2016  
  
APPROVED:  
BAW  
02/15/2017

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**TRUE BLUE POWER**  
A Division of Mid-Continent Instrument Co., Inc.

TITLE: <b>Inverter, 2000 W, DC to AC</b>		PART NUMBER: <b>6432000</b>
SCALE: 1:3.5	DO NOT SCALE THIS DRAWING	SHEET: 1 of 1