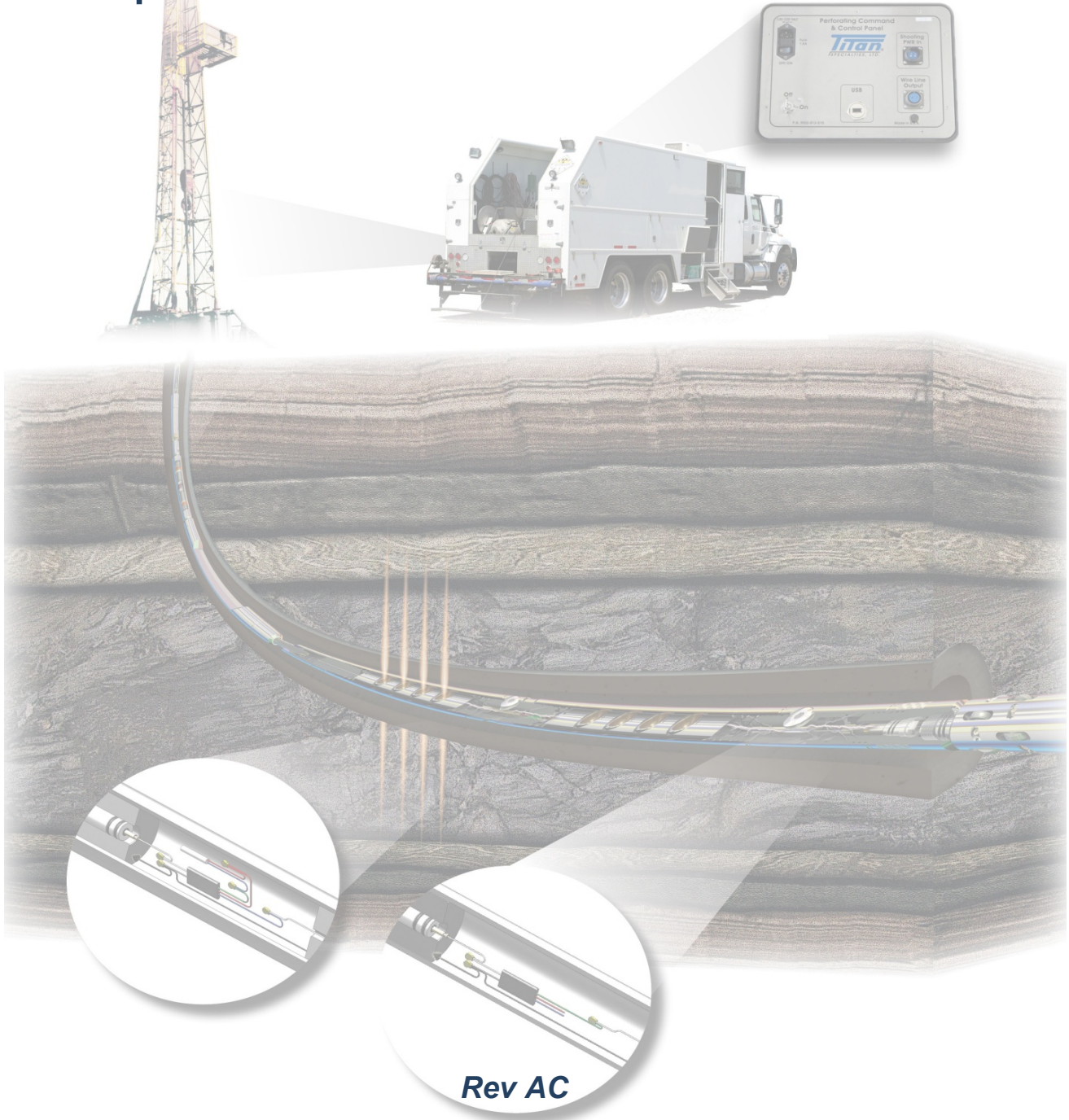


ControlFire®

Specification – 9002-013-810-1



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Titan ControlFire® Shooting Panel Specification

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Titan ControlFire® Shooting Panel Specification

1.0 ControlFire® Shooting Panel Specifications

Table 1

Specification	Rating/Description	Conditions
Temperature	(-10 to +50)C (+14 to +122)F	Operating
	(-10 to +50)C (+14 to +122)F	Start Up
	(-30 to +75)C (-22 to +167)F	Storage
Humidity, RH%, Operating & Storage	10 to 95% RH	Non-Condensing
Altitude	0 – 10,000ft	Operating
	0 - 45,000ft	Storage
AC Input Voltage	120 VAC	0~100% load
Frequency, Range	50 – 60 Hz	0~100% load
Input Power	750W Max	
AC Power Cord	3 conductor, 18AWG, 10A, 60°C minimum, 3m length maximum	Operating
AC Entry Fuse	250V, 10A, .25inch X 1.25inch slow blow. Part# 0326010.HXP	Operating
Wire Line Fuse	250V, 0.63A, 5mm X 20mm Slow blow. Part# BK/GDC-630MA	Operating
12V DC Line In Fuse	250V, 10A, .25inch X 1.25inch slow blow. Part# 0313001.MXP	Operating

Table 2

I/O Terminal	Voltage Rating	Current Rating	Conditions
Log Connector	-500VDC to +500VDC	0 to 2A	Log Mode
	-500VDC to 0VDC	0 to 2.5A	Perforating Mode
Drum 1	-500VDC to +500VDC	0 to 2A	Log Mode
	-500VDC to 0VDC	0 to 2.5A	Perforating Mode
Drum 2	-500VDC to +500VDC	0 to 2A	Log Mode
	-500VDC to 0VDC	0 to 2.5A	Perforating Mode
AUX	-500VDC to +500VDC	0 to 1A	NA
CCL	0 to 200VDC	0 to 0.1A	NA
USB Connector	USB Specification 2.0	NA	NA
Lights Connector	220 VAC	3A	NA

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Table 3

Specification	Rating/Description	Conditions
Shooting Voltage	-500V to +500V	ARM Mode
	-500V to 0V	ARM CF Mode
Voltage Ripple Noise	<2%	300VDC @ 2A
Shooting Current	0 to 2.5A	ARM Mode
	0 to 1.5A	ARM CF Mode

2.0 ControlFire® Shooting Panel Mechanical Drawings

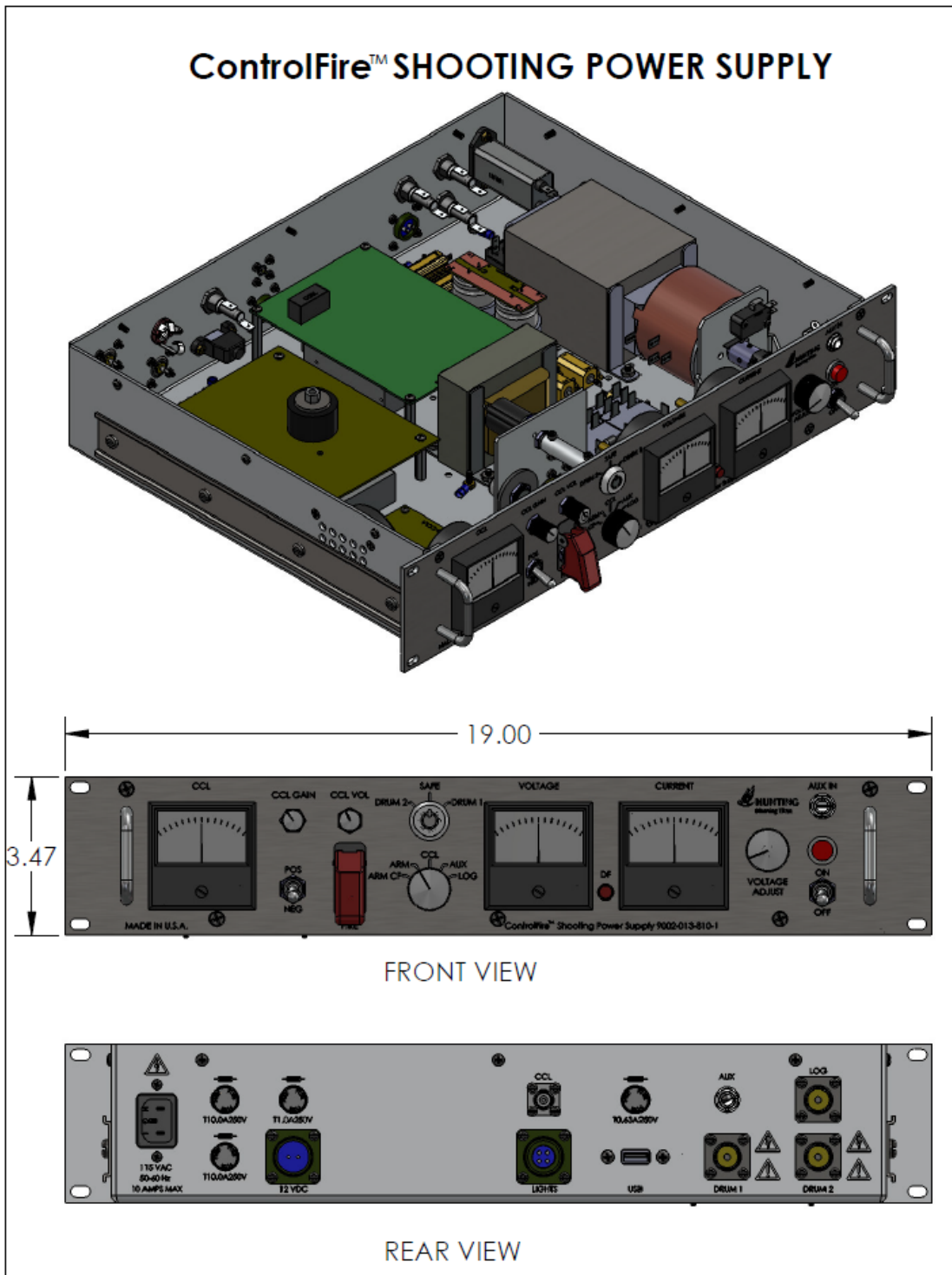


Figure 1

Titan ControlFire® Shooting Panel Specification

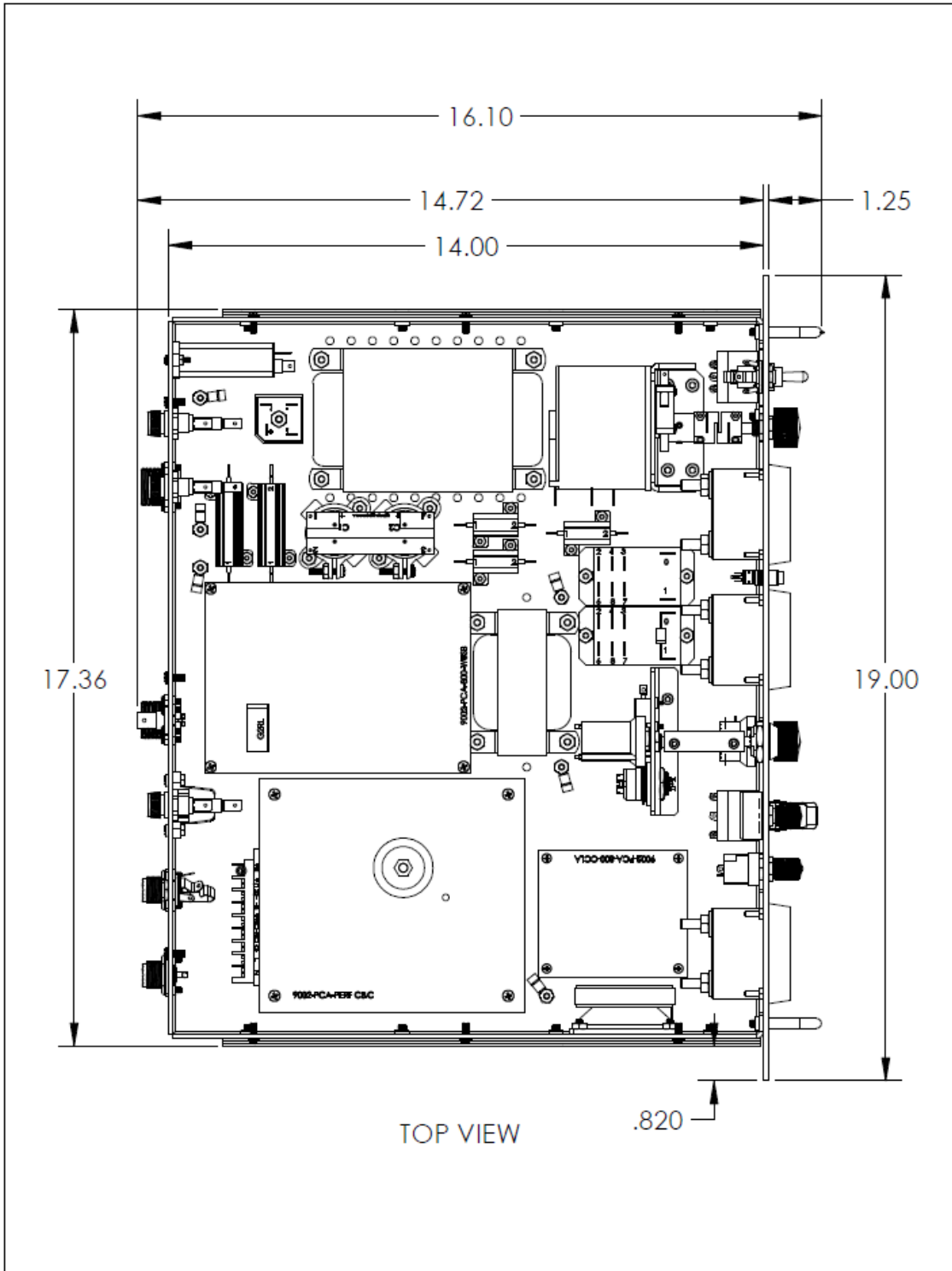


Figure 2

Weight – 35lbs

Titan ControlFire® Shooting Panel Specification

3.0 Revision History

Revision	Date	Author	Changed
AC	9/22/2014	F. N. Pundole	Added rating for lights connector on panel