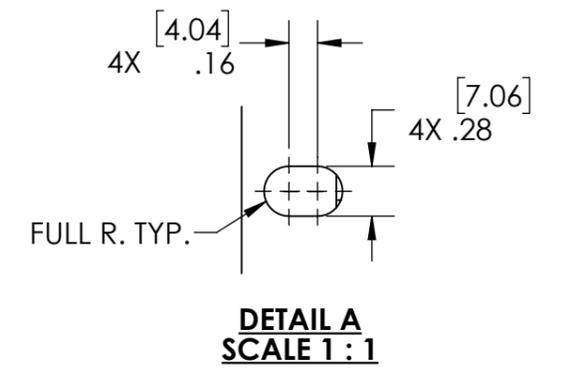
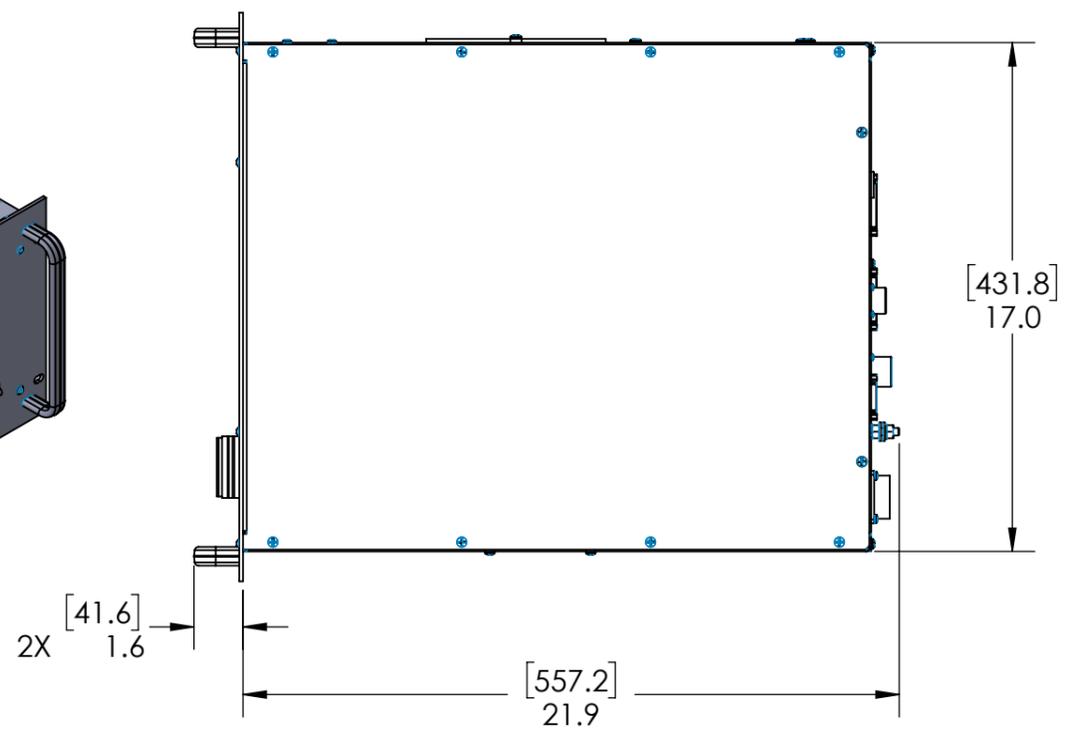
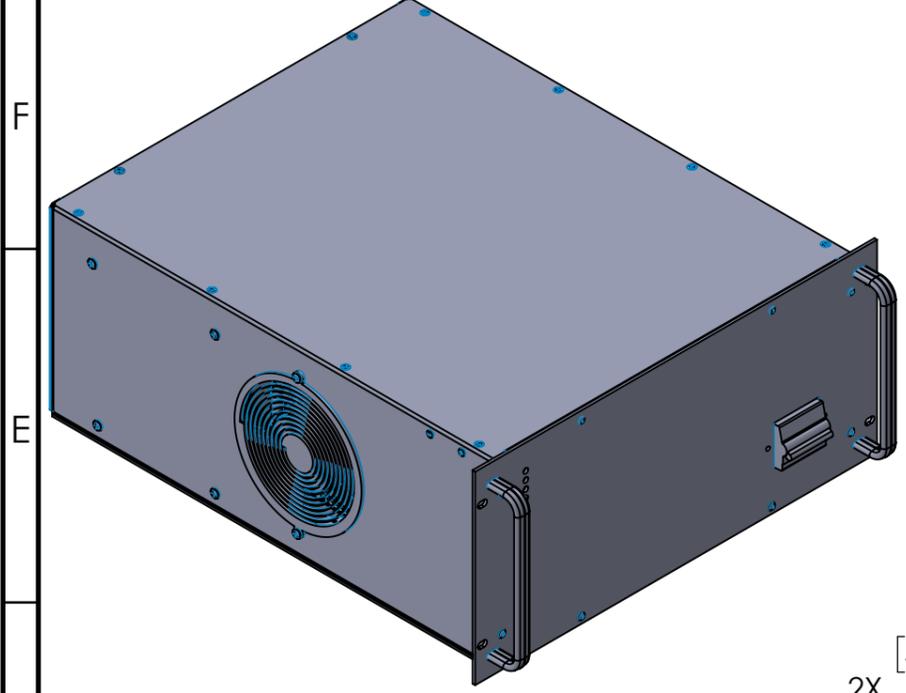
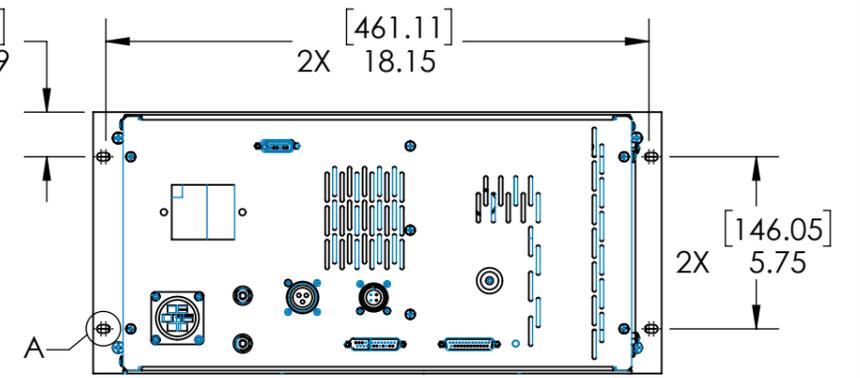
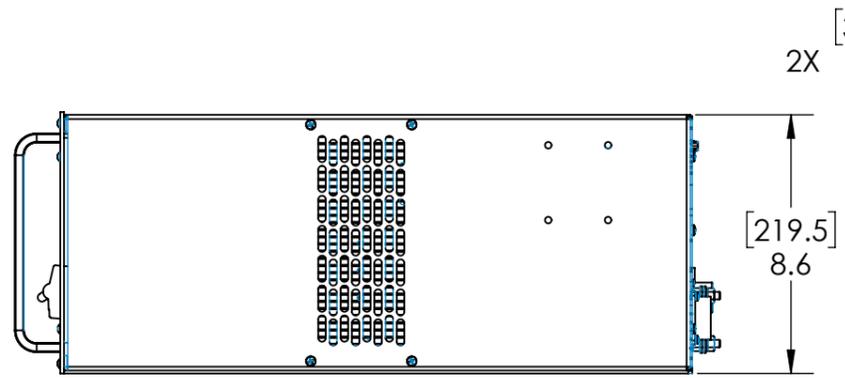
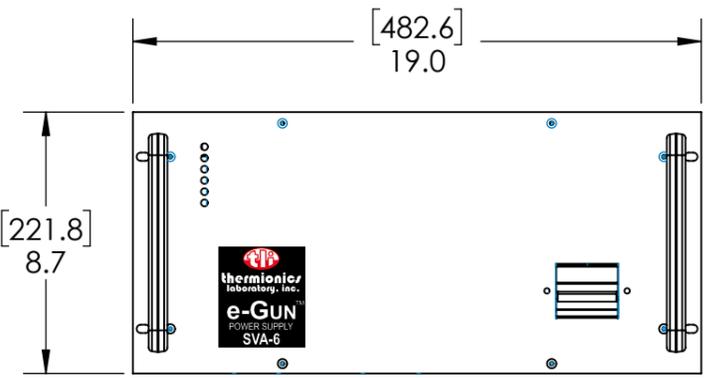


8 7 6 5 4 3 2 1



F
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NOTE:
1. DIMENSIONS IN [X.XX] ARE IN mm.

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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± N/A ANGULAR: MACH ± BEND ± 5° ONE PLACE DECIMAL ± .1 TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005 SURFACE FINISH 63 R.M.S.		FINISH:				DO NOT SCALE DRAWING	REVISION																													
<table border="1"> <thead> <tr> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> <th>USED ON</th> <th>NEXT ASSY.</th> </tr> </thead> <tbody> <tr> <td>DESIGN/ENG.</td> <td></td> <td></td> <td></td> <td>FINAL</td> </tr> <tr> <td>CHK'D</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>APPV'D</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MFG</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Q.A</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		NAME				SIGNATURE	DATE	USED ON	NEXT ASSY.	DESIGN/ENG.				FINAL	CHK'D					APPV'D					MFG					Q.A						thermionics laboratory, inc. 3118 Depot Rd., Hayward Ca. 94545
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			MATERIAL:			DWG NO. SVA-6	A3																													
			WEIGHT: 56 lbs.			SCALE: 1:6	SHEET 1 OF 2																													

F
E
D
C
B
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8 7 6 5 4 3 2 1

- * POWER 6kW
- * All SOLID STATE SWITCH MODE DESIGN
- * MAX POWER 600mA @ -0kV TO -8kV OR -0kV TO -10kV
- * RESPONSE TIME <50 MICROSECONDS
- * SOURCE FILAMENT 50A MAX @ 8VAC
- * PROCESS CONTROL VOLTAGE +10VDC
- * RUGGED WELL OVERRATED IGBT INVERTER FOR SUPERIOR RELIABILITY
- * EXTENSIVE ARC MANAGEMENT FOR OUTSTANDING PERFORMANCE, FASTEST ARC RECOVERY, ARC COUNTER AND ARC DURATION SENSOR
- * ADJUSTABLE VOLTAGE 0 TO -8kV WITH PRECISE REGULATION (<+/- 0.25%) FOR STABLE BEAM POSITION, ULTRA LOW RIPPLE FOR MINIMUM BEAM SIZE.
- * CONSTANT EMISSION CURRENT REGULATION <+/- 0.5%
- * FULL REMOTE OPERATION FROM PLC OR OPTIONAL HANDHELD FOR BOTH HIGH VOLTAGE AND SOURCE
- * 19 INCH RACK MOUNTABLE, ULTRA COMPACT CHASSIS
- * AIR COOLED
- * DUAL CHANNEL OPTIONAL
- * CE VERSION



DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± N/A ANGULAR: MACH ± BEND ±.5° ONE PLACE DECIMAL ±.1 TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005 SURFACE FINISH 63 R.M.S.		FINISH:	 thermionics laboratory, inc.			DO NOT SCALE DRAWING	REVISION
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DESIGN/ENG.	NAME	SIGNATURE	DATE	USED ON	NEXT ASSY.	SVA-6 SOLID STATE POWER SUPPLY, OUTLINE DRAWING	
CHK'D					FINAL		
APPV'D							
MFG							
Q.A				MATERIAL:		DWG NO.	A3
				WEIGHT:		SCALE:1:6	SHEET 2 OF 2

