

RAY-1950T

RADAR POWER SUPPLY
Three Phase 480Vac Input
Rugged COTS Design



KEY FEATURES:

- Patented High Voltage, Passive PFC with Low Harmonic Content.
- Provides Anti Thump Protection.
- 1,950W Peak Power – Intended for use in a Radar Application.
- Operational 3 Phase Input 432-528Vac / 57-63Hz.
- Triple Output; -4Vdc / 240A, +200Vdc / 4A, +24Vdc / .5A.
- Custom Input/Output Configurations Available.
- Greater Than 500,000 MTBF Demonstrated.
- Modular Design for Ease of Serviceability.
- Ruggedized Mechanical Design.
- United States Air Force Approved.
- Proudly Made in U.S.A.

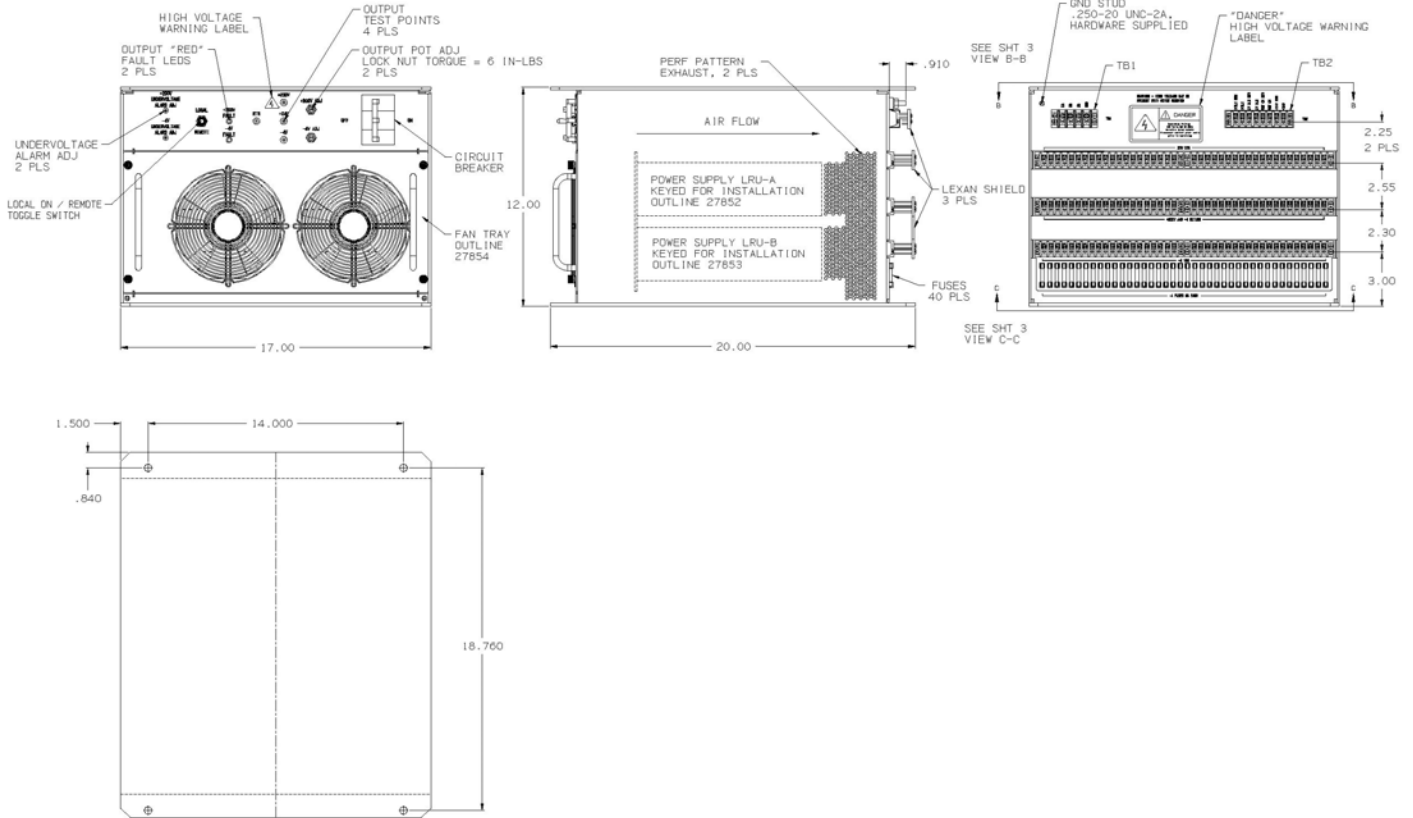
RAY-1950T

NOTES:

1. INPUT = 480VAC RMS
OUTPUT = +200VDC @ 4A, -4VDC @ 240A
2. TOTAL WEIGHT NOT TO EXCEED 90LBS.
3. FRONT PANEL MARKING .20 BOLD HIGH GOTHIC.
BACKPLANE MARKING .15 BOLD HIGH GOTHIC.

TABLE -A- TB1 MARATHON P/N 41TB04F	
PIN NO.	DESCRIPTION
TB1-1	0A
TB1-2	0B
TB1-3	0C
TB1-4	GND

TABLE -B- TB2 MARATHON P/N 40TB08F	
PIN NO.	DESCRIPTION
TB2-1	INTLK RTN
TB2-2	INTLK
TB2-3	UV ALM RTN
TB2-4	UV ALM
TB2-5	RMT ON RTN
TB2-6	RMT ON
TB2-7	+24VDC RTN
TB2-8	+24VDC



Consult factory for other electrical and environmental details @ 800-456-8118

Production Pricing for RAY-1950T-SYS (Entire System):

Unit Cost - \$42,999.00 ea.*

*2020 dollars.