

T1 U - HS SINGLE OUTPUT HOT SWAP N+1 REDUNDANT 1200W 600 Watts per module

APPLICATIONS

The T1U 600 Series is a 3 module redundant hot swap system intended for telecom, IT equipment as well as monitoring and control applications. It can be easily equipped with an LVBD module to form a DC UPS system when backup batteries are available.



STANDARD FEATURES

- (N+1) Redundancy with Oring diodes.
- Active current sharing.
- Active power factor correction.
- Universal Input 85 - 265VAC.
- High efficiency.
- Full protection OVP, OCP & OTP.
- Isolation class 1 > 3000 VAC.
Primary - secondary 1500 V
Primary to GND
- Remote sense.
- Power good signal.

AVAILABLE OPTIONS

- Ruggedization to MIL-STD 810.
- Wide temperature range -20 °C to + 70 °C with derating.
- LVBD module and connections to battery pack for DC UPS operation.
- Inhibit signal.

SPECIFICATIONS

Electrical

Input: 85-265 VAC full range 50/60 Hz.

Regulation: Line $\pm 0.5\%$
Line $\pm 2\%$ (NL to FL)

Ripple: 1% PP but less than 300 mvpp.

Efficiency: Up to 86% at full load.

Hold up Time: >16 mS (at 600W output power).

Protections: Overload, overvoltage and overtemperature.

Mechanical & Environmental

Operating Temperature: 0 - 50 °C

Storage Temperature: -40 to +85 °C

Cooling: Internal fans contained in each module.

Weight: 4lb/module, 20 lb per rack.

Agency Compliance Pending

EMI: (Conducted) FCC Part 15, Subpart j, Class A
EN55022 Level A

Safety: UL1950 and CSA 22.2 #234,
Harmonics comply with EN61000-3-2

Over 25 Years of Design Excellence!



ISO 9002
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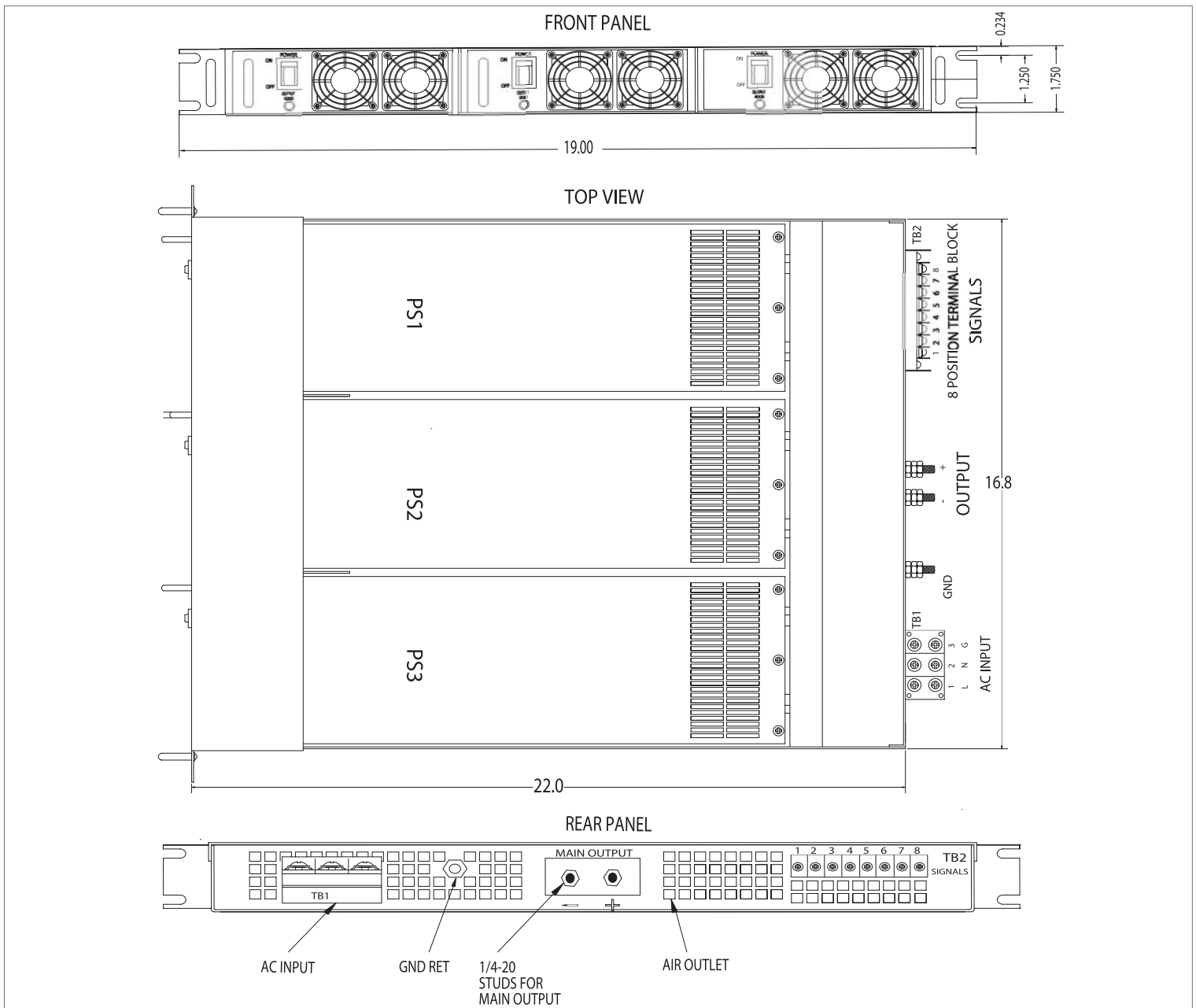
MODEL SELECTION

Select the single module and number of modules

Single Module Model	Output Voltage	Current (A) Max./Module	Current (A) Min.	Regulation	Ripple	Voltage Adj. range	2 Module (N+1)	3 Module (N+1)
T1U 600-12	12V	50A	0A	1%	<1%	> ± 5%	600W	1200W
T1U 600-15	15V	40A	0A	1%	<1%	> ± 5%	600W	1200W
T1U 600-24	24V	25A	0A	1%	<1%	> ± 5%	600W	1200W
T1U 600-28	28V	21A	0A	1%	<1%	> ± 5%	600W	1200W
T1U 600-48	48V	12.5A	0A	1%	<1%	> ± 5%	600W	1200W

MECHANICAL OUTLINE

3 Module Hot Swap System 1U HIGH



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

www.theallpower.com



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