

INTEL® MODULAR SERVER UPS SYSTEM CONNECTION GUIDE

Tripp Lite SmartOnline™ Hot-Swappable Modular UPS System

Model SU5000RT4U-IMS

- True on-line operation continuously transforms irregular input power into precision-regulated output to guarantee maximum server protection and stability
- Bypass features and detachable PDU keep power flowing to equipment 24x7, even if the UPS requires maintenance, repair or replacement
- Internal batteries support fully configured server system during power failures; battery backup runtime is expandable with optional external battery packs
- Included Ethernet/SNMP management card enables remote monitoring and control via SNMP, Web or telnet



Model	SU5000RT4U-IMS
Output Capacity	5000VA/3800W
Output Voltage	208/240V + 120V
Outlets	8 (5-15/20R)* + 2 (L6-20R) + 2 (L6-30R)
Input Plug	L14-30P
Ports	USB + RS-232 (DB9)

* 5-15/20R outlets accept 5-15P or 5-20P plugs.

Connection Diagram



Intel Modular Server System

Each chassis power supply connects to one of the UPS system's 5-15/20R outlets, each with its own 20A breaker. Use the power cord recommended by Intel (C13 to 5-15P).

The UPS system includes an Ethernet/SNMP management card.



SU5000RT4U-IMS UPS System

The UPS system's L14-30P plug connects to a wall outlet. Required electrical service: 208/240-120V, 30A dedicated circuit with L14-30R outlet (4-wire - L1+L2+N+G).

Typical UPS Battery Backup Runtime

SU5000RT4U-IMS Battery Configuration	Server System Power Consumption			Total Rack Size*
	1000 Watts (1+1 PS)	2000 Watts (2+1 or 2+0 PS)	3000 Watts (3+1 or 3+0 PS)	
Internal Batteries	31 minutes	13 minutes	7.5 minutes	4U
+ 1 (BP192V12-3U)	200 minutes	92 minutes	56 minutes	7U
+ 2 (BP192V12-3U)	318 minutes	150 minutes	93 minutes	10U
+ 3 (BP192V12-3U)	436 minutes	209 minutes	131 minutes	13U
+ 4 (BP192V12-3U)	555 minutes	270 minutes	171 minutes	16U
+ 5 (BP192V12-3U)	673 minutes	331 minutes	211 minutes	19U

Runtime varies with load, battery condition and other factors. * Includes the UPS system, detachable PDU, internal batteries and any external battery packs.

Environmental Management Option

ENVIROSENSE Monitors ambient temperature and humidity. Communicates with alarm, security and telecom devices via dry-contact interface. Plugs into the Ethernet/SNMP management card.

For more information contact:

Your Intel Representative



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