

CPCI and DPCI Standard Series Hot Swap Power Supplies

- Features
- Fully Compliant with PICMG® CompactPCI® Specification
 - Forced Current Sharing and Internal OR-ing Diodes for N+1 Redundancy
 - High Current 5 V and 3.3 V Outputs
 - 150 W in 3 U × 8 HP, 350 W in 6 U × 8 HP CompactPCI® Package Requiring only 15 cfm of External Air
 - Universal AC Input with Power Factor Correction
 - 48 VDC Input Version and AC Universal Input Version Available

Both the CPCI and DPCI standard series have current sharing, internal Or-ing diodes and a hot plug input/output/signal connector providing a standalone redundant power solution. Compatible AC and DC units allow standardization of system mechanicals on a single power supply series.

CPCI Series — AC Input

The CPCI series of high reliability power supplies are designed for telecommunications and industrial systems requiring redundancy and modularity. These low-cost, high density units meet the electrical and mechanical requirements of the PICMG® specifications for CompactPCI® systems. **Connector:** 47 pin modular, except where noted.

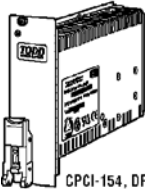
Stock No.	Mfr.'s Type	Power (Watts)	Output 1†	Output 2†	Output 3	Output 4	EACH			
							1-4	5-24	25-49	50-Up
744-8429	CPCI-154-1203	150	5 V @ 25 A	3.3 V @ 20 A	12 V @ 5.5 A	–12 V @ 0.5 A	346.00	335.78	323.00	312.00
744-8500	CPCI-204-1203	200	5 V @ 25 A	3.3 V @ 30 A	12 V @ 5.5 A	–12 V @ 0.5 A	340.05	329.26	317.45	306.66
744-8431	CPCI-354-1203*	350	5 V @ 50 A	3.3 V @ 40 A	12 V @ 12 A	–12 V @ 4.0 A	559.00	538.00	519.00	489.00
744-8525	CPCI-354T-1203	350	5 V @ 50 A	3.3 V @ 40 A	12 V @ 12 A	–12 V @ 4.0 A	559.00	538.00	519.00	489.00

DPCI Series — DC Input

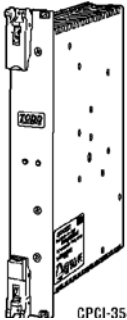
The DPCI series of high reliability power supplies are designed for DC input systems, telecommunications and industrial equipment requiring redundancy and modularity. These low-cost, high-density units meet the electrical and mechanical requirements of the PICMG® specification for CompactPCI® systems.

744-8433	DPCI-154-1203	150	5 V @ 25 A	3.3 V @ 20 A	12 V @ 5.5 A	–12 V @ 0.5 A	346.00	335.00	323.00	312.00
744-8510	DPCI-204-1203	200	5 V @ 25 A	3.3 V @ 30 A	12 V @ 5.5 A	–12 V @ 0.5 A	346.00	335.00	323.00	312.00
744-8435	DPCI-354-1203*	350	5 V @ 50 A	3.3 V @ 40 A	12 V @ 12 A	–12 V @ 4.0 A	559.00	538.00	519.00	489.00
744-8520	DPCI-354T-1203	350	5 V @ 50 A	3.3 V @ 40 A	12 V @ 12 A	–12 V @ 4.0 A	559.00	538.00	519.00	489.00

*38 pin modular. †Combined current on outputs 1 and 2 not to exceed 25 A for 150 watt, 35 A for 200 watt and 65A for 350 watt units.



CPCI-154, DPCI-154



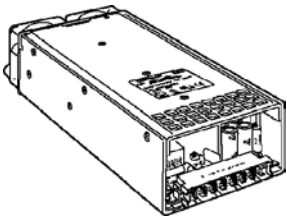
CPCI-354, DPCI-354

1000 W Single Output Power Supplies

- Features
- 1000 W
 - Power Factor Corrected
 - Single Output, Hot Swappable
 - Diode Isolated Output for Hot Swap
 - "Zero Wire" Slope Program Current Sharing
 - High Power Density 6.5 W/Cu. In.
 - Industry Standard DIN Connector
 - 0.99 Typical Power Factor
 - DC Power Good and AC Power Fail Signals
 - True Remote Inhibit
 - Monotonic Turn-On and Turn-Off
 - Extended Temperature Operation
 - High Efficiency 87% Typical (48 V Units)

The 1000 W TCM series hot swappable power supplies deliver remarkable economy and reliability in applications that require redundancy over extended temperature ranges. These high-density, single-output supplies are available with a front panel and handle for use in subsystems racks or without handles for embedded applications. Power factor correction, OR-ing diodes, and current sharing make the TCM series an ideal choice for communications and data processing systems utilizing distributed power or redundant power architecture. **Specifications. Dimensions:** 13.27" × 4.87" × 2.49". **Weight:** 5.2 Lbs. **Operating Temperature Range:** –20°C to +60°C.

Stock No.	Mfr.'s Type	Power (Watts)	Output	EACH			
				1-4	5-24	25-49	50-Up
744-8417	TCM-1000-24	1000	24 V @ 41.6 A	812.00	788.00	765.00	740.00
744-8419	TCM-1000-28	1000	28 V @ 35.7 A	812.00	788.00	765.00	740.00
744-8421	TCM-1000-48	1000	48 V @ 20.8 A	812.00	788.00	765.00	740.00



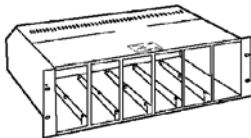
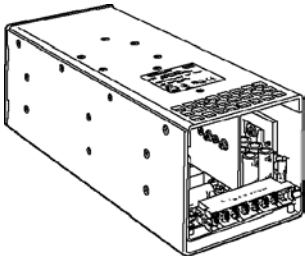
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1200 W Single Output Power Supplies

- Features
- 1200 W
 - Power Factor Corrected
 - Single Output, Hot Swappable
 - Diode Isolated Output for Hot Swap
 - "Zero Wire" Slope Program Current Sharing for Redundancy
 - High Power Density 5 W/Cu. In.
 - Industry Standard DIN Connector
 - Universal AC Input
 - 0.99 Typical Power Factor
 - DC Power Good and AC Power Fail Signals
 - True Remote Inhibit
 - Monotonic Turn-On and Turn-Off

The SPH-1200 series provides low-cost, highly reliable, N+1 redundant hot swap power for critical applications. These 1200 W single output power supplies include an integral fan and are available with a front panel and handle for front access in sub-system racks or without handles for embedded applications. Power factor correction, OR-ing diodes, and current sharing make the SPH series an ideal choice for communications and data processing systems utilizing distributed power or redundant power architecture. **Dimensions:** 13.44" × 5.00" × 4.03". **Weight:** 7.3 lbs.

Stock No.	Mfr.'s Type	Power (Watts)	Output	EACH			
				1-4	5-24	25-49	50-Up
744-8423	SPH-1200-24	1200	24 V @ 50 A	863.00	840.00	819.00	796.00
744-8425	SPH-1200-28	1200	28 V @ 42 A	863.00	840.00	819.00	796.00
744-8427	SPH-1200-48	1200	48 V @ 25 A	863.00	840.00	819.00	796.00



TRS Power Supply 19" Rack System for TCM and SPH Series

- Features
- N+1 Redundancy
 - Front Access
 - Hot Pluggability
 - Up to 6 kW in One 3 U (5 1/4") Rack
 - Field Configurable
 - Single Phase or 3 Phase Input
 - Blank Filler Panels Available

Consult factory for value added instrumentation and custom paint color options. Racks and power supplies are shipped separately.

Stock No.	Mfr.'s Type	Panel Height	Mounts	Dimensions	Power Supply Modules	EACH			
						1-4	5-24	25-49	50-Up
744-8437	TRS-3-3	3 U (5 1/4")	1 to 3 modules	17" × 3 U × 15.12"	SPH 1200	454.00	437.00	421.00	405.00
744-8439	TRS-2-3	2 U (3 1/2")	1 to 3 modules	17" × 2 U × 15.12"	TCM 1000	454.00	437.00	421.00	405.00
744-8441	TRS-3-6	3 U (5 1/4")	1 to 6 modules	17" × 3 U × 15.12"	TCM 1000	629.00	580.62	539.14	516.99

690 ◀ ALLIED

For Local Personalized Service Call 1-800-433-5700