imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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CompactPCI®

3U Power Supplies







75 Watt

150 Watt

75 Watt - 1 slot wide (4 HP)

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+5V	+3.3V	+12V	-12V	Model Number	Туре
5A	10A	1A	.5A	2600-075	AC
5A	10A	1A	.5A	2650-075	DC

150 Watt - 2 slots wide (8 HP)

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+5V	+3.3V	+12V	-12V	Model Number	Туре
20A	7A	2A	1A	2600-150	AC
20A	7A	2A	1A	2650-150	DC

350 Watt - 3 slots wide (12 HP)

Output					
+5V	+3.3V	+12V	-12V	Model Number	Туре
30A	40A	7A	1A	2600-350	AC
30A	40A	7A	1A	2650-350	DC



350 Watt

These three power supplies are compliant with PICMG 2.11, defining electrical, mechanical and packaging standards. The 3U format offers space saving advantages and the range of power levels from 75 Watt to 350 Watt, offer broad design latitude.

There are AC and DC versions of each supply. The AC versions feature autoranging power input from 100 to 240 VAC and the DC versions from 36 to 72 VDC.

If desired, other input voltage levels as well as modifications of output to suit your particular needs can be accommodated. Also, the metal case, including front panel, can be customized on request.

Common Features:

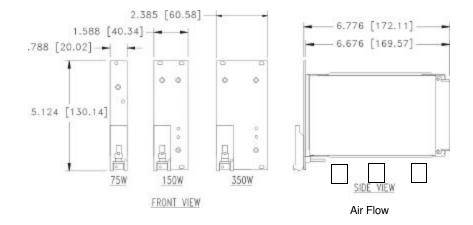
- 3U High
- Modular design with P47 connector
- Current share, redundant (N+1) & Hot Swap
- EMC card panel with ejector/injector
- Meets cPCI power specifications PICMG 2.11
- AC input versions: Universal 100-240 VAC (50-60 Hz)
- DC input versions: 36-72 VDC
- Requires outside air source
- · Thermal protection
- Short circuit protection
- · Designed to meet FCC pt 15 class A, CISPR 22 class A
- UL 1950, CSA 22.2-950, VDE EN 60950



A Fine Technology Group Specifications subject to change without notice.

Power Supplies

Specifications



i onci ouppiy	Specifications		
nput Voltage Range	2600-075	2600-150	2600-350
nput Voltage Range	100-240 VAC	100-240 VAC	100-240 VAC
nput Frequency	47 - 440 Hz	47 - 440 Hz	47 - 440 Hz
nput Surge Current	10A max @ 110 VAC	14A max @ 110 VAC	14A max @ 110 VAC
	20A max @ 220 VAC cold start	40A max @ 220 VAC cold start	40A max @ 220 VAC cold start
Efficiency	75% typ. full power	72% typ. full power	75% typ. full power
DUTPUT			
V1	+5V@5A	+5V@20A	+5V@30A
V2	+3.3V@10A	+3.3V@7A	+3.3V@40A
V3	+12V@1A	+12V@2A	+12V@7A
V4	-12V@0.25A	-12V@1A	-12V@1A
Minimum Load Requirement	V1 & V2: 1A	V1 & V2: 1A	V1 & V2: 2A
Total Output Power Limit	115% of max rated Power	115% of max rated Power	115% of max rated Power
Power Factor Correction	N/A	.99 at 110 VAC	.99 at 110 VAC
		.98 at 220 VAC	.98 at 220 VAC
Cinala Naisa (all autouta)	1% P to P will full load	1% P to P will full load	1% P to P will full load
Ripple Noise (all outputs)	or 50Mv, whichever is greater		
Furn-on Time	1 Sec	or 50Mv, whichever is greater	or 50Mv, whichever is greater
	8 ms at full load	1 Sec	1 Sec.
Hold-up Time	o ms at full loau	8 ms at full load	8 ms at full load
Current Sharing		Multiple power supplies can be oper-	
		ated in parallel and will share +5V	
		current to within 10%	
Remote Sense	V1 & V2 to a .25V drop in load	V1 & V2 to a .25V drop in load	V1 & V2 to a .25V drop in load
		vi & vz to a .25 v diop in load	
ENVIRONMENTAL & PROTECTION	· · · · · · · · · · · · · · · · · · ·		
ENVIRONMENTAL & PROTECTION Operating Temperature Range	0°C to 70°C; Derate linea	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe	half power at 70°C with 200 lfm;
ENVIRONMENTAL & PROTECTION	0℃ to 70℃; Derate linea Supply shuts down at th	rly from full power at 40°C with 200Ifm to	half power at 70°C with 200 lfm; en thermal condition is relieved.
ENVIRONMENTAL & PROTECTION Operating Temperature Range Cooling Requirements @ full power	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply
ENVIRONMENTAL & PROTECTION Operating Temperature Range Cooling Requirements @ full power Storage Temperature Range	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20 -40 ℃ +85 ℃	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40 °C +85°C	half power at 70°C with 200 lfm; en thermal condition is relieved. rer supply -40°C +85°C
ENVIRONMENTAL & PROTECTION Operating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20 -40 ℃ +85 ℃ 5% to 95%, non-condensing	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing
ENVIRONMENTAL & PROTECTION Operating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity /ibration	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20 -40 ℃ +85 ℃ 5% to 95%, non-condensing MIL 810E	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E
ENVIRONMENTAL & PROTECTION Operating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity Vibration	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20 -40 ℃ +85 ℃ 5% to 95%, non-condensing MIL 810E 6,000 ft. est	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est
ENVIRONMENTAL & PROTECTION Operating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity /ibration Altitude	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20 -40 ℃ +85 ℃ 5% to 95%, non-condensing MIL 810E 6,000 ft. est 115%	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est 5 of nominal. If condition occurs, current to	half power at 70°C with 200 lfm; en thermal condition is relieved. ver supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est will foldback
ENVIRONMENTAL & PROTECTION Operating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity //ibration Altitude Over Current Protection	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20 -40 ℃ +85 ℃ 5% to 95%, non-condensing MIL 810E 6,000 ft. est 115% Thermal switch	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est 5 of nominal. If condition occurs, current to a shuts down the supply if critical tempera	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est will foldback atures are exceeded.
ENVIRONMENTAL & PROTECTION Operating Temperature Range	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20 -40 ℃ +85 ℃ 5% to 95%, non-condensing MIL 810E 6,000 ft. est 115% Thermal switch	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est 5 of nominal. If condition occurs, current to	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est will foldback atures are exceeded.
ENVIRONMENTAL & PROTECTION Deperating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity /ibration Altitude Dver Current Protection	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20 -40 ℃ +85 ℃ 5% to 95%, non-condensing MIL 810E 6,000 ft. est 115% Thermal switch Unit will at	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est 5 of nominal. If condition occurs, current to a shuts down the supply if critical tempera	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est will foldback atures are exceeded. peratures return.
ENVIRONMENTAL & PROTECTION Deperating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity /ibration Altitude Dver Current Protection	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20 -40 ℃ +85 ℃ 5% to 95%, non-condensing MIL 810E 6,000 ft. est 115% Thermal switch Unit will at	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est 5 of nominal. If condition occurs, current to a shuts down the supply if critical tempera- utomatically restart when acceptable tem	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est will foldback atures are exceeded. peratures return.
ENVIRONMENTAL & PROTECTION Operating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity /ibration Mititude Dver Current Protection Thermal Protection Over Voltage Protection	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20 -40 ℃ +85 ℃ 5% to 95%, non-condensing MIL 810E 6,000 ft. est 115% Thermal switch Unit will au Shutdown occurs at 125% of outp	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically who 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est 5 of nominal. If condition occurs, current to n shuts down the supply if critical tempera utomatically restart when acceptable tem put voltages. Output latches and reset res	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est will foldback atures are exceeded. peratures return. quires a recycling of the input powe
ENVIRONMENTAL & PROTECTION Deperating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity /ibration Altitude Dver Current Protection Thermal Protection Dver Voltage Protection Short Circuit Protection PHYSICAL	0 ℃ to 70 ℃; Derate linea Supply shuts down at th 20 -40 ℃ +85 ℃ 5% to 95%, non-condensing MIL 810E 6,000 ft. est 115% Thermal switch Unit will au Shutdown occurs at 125% of outp	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est 5 of nominal. If condition occurs, current to a shuts down the supply if critical tempera utomatically restart when acceptable tem but voltages. Output latches and reset re- All Voltages	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est will foldback atures are exceeded. peratures return. quires a recycling of the input powe All Voltages 2 lbs 14 oz
ENVIRONMENTAL & PROTECTION Deperating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity /ibration Nititude Dver Current Protection Thermal Protection Dver Voltage Protection Short Circuit Protection PHYSICAL Veight	0°C to 70°C; Derate linea Supply shuts down at th 20 -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est 115% Thermal switch Unit will at Shutdown occurs at 125% of outp All Voltages	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est 5 of nominal. If condition occurs, current to a shuts down the supply if critical tempera utomatically restart when acceptable tem but voltages. Output latches and reset re- All Voltages	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est will foldback atures are exceeded. peratures return. quires a recycling of the input powe All Voltages 2 lbs 14 oz
ENVIRONMENTAL & PROTECTION Deperating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity /ibration Altitude Dver Current Protection Thermal Protection Dver Voltage Protection Short Circuit Protection PHYSICAL Neight Dimensions	0°C to 70°C; Derate linea Supply shuts down at th 20 -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est 115% Thermal switch Unit will a Shutdown occurs at 125% of outp All Voltages 1 lb 1 oz	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est 5 of nominal. If condition occurs, current to a shuts down the supply if critical tempera utomatically restart when acceptable tem but voltages. Output latches and reset re- All Voltages	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est will foldback atures are exceeded. peratures return. quires a recycling of the input powe All Voltages
ENVIRONMENTAL & PROTECTION Deperating Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity /ibration Altitude Dver Current Protection Thermal Protection Dver Voltage Protection Short Circuit Protection PHYSICAL Weight	0°C to 70°C; Derate linea Supply shuts down at th 20 -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est 115% Thermal switch Unit will a Shutdown occurs at 125% of outp All Voltages 1 lb 1 oz 3U X 4HP (0.8")W X 160mm	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est 5 of nominal. If condition occurs, current to a shuts down the supply if critical tempera utomatically restart when acceptable tem but voltages. Output latches and reset re- All Voltages 2 lbs 4 oz 3U X 8HP (1.6")W X 160mm	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est will foldback atures are exceeded. peratures return. quires a recycling of the input powe All Voltages 2 lbs 14 oz 3U X 12HP (2.4")W X 160mm
ENVIRONMENTAL & PROTECTION Departing Temperature Range Cooling Requirements @ full power Storage Temperature Range Relative Humidity //ibration Altitude Dver Current Protection Chermal Protection Dver Voltage Protection Short Circuit Protection Short Circuit Protection PHYSICAL Weight Dimensions Mating Connector	0°C to 70°C; Derate linea Supply shuts down at th 20 -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est 115% Thermal switch Unit will a Shutdown occurs at 125% of outp All Voltages 1 lb 1 oz 3U X 4HP (0.8")W X 160mm	rly from full power at 40°C with 200lfm to ermal limit and restarts automatically whe 0 lfm at 40°C, forced air through the pow -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000ft. est 5 of nominal. If condition occurs, current to a shuts down the supply if critical tempera utomatically restart when acceptable tem but voltages. Output latches and reset re- All Voltages 2 lbs 4 oz 3U X 8HP (1.6")W X 160mm	half power at 70°C with 200 lfm; en thermal condition is relieved. er supply -40°C +85°C 5% to 95%, non-condensing MIL 810E 6,000 ft. est will foldback atures are exceeded. peratures return. quires a recycling of the input powe All Voltages 2 lbs 14 oz 3U X 12HP (2.4")W X 160mm

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