



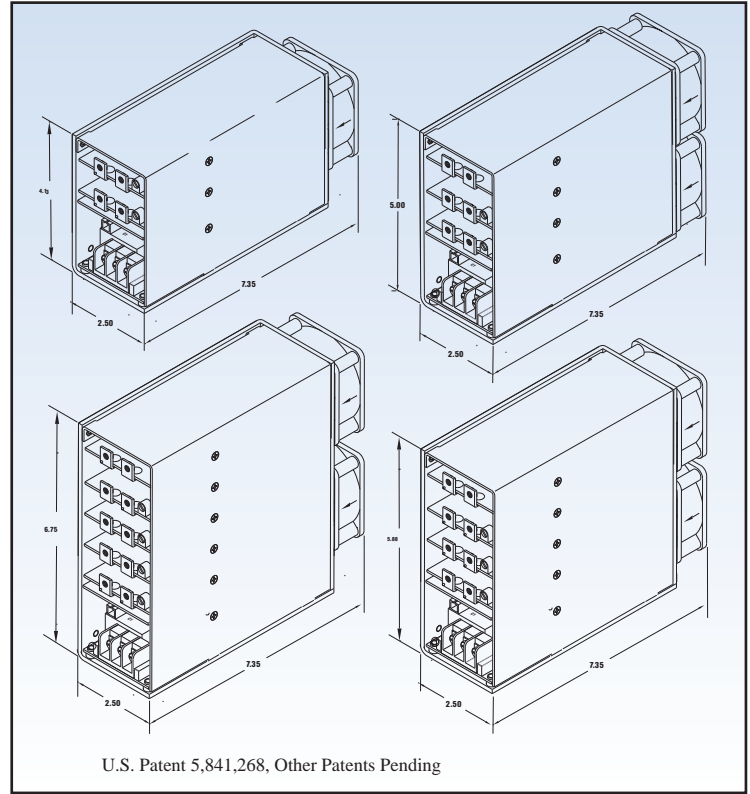
POWER ARCHITECTS

FEATURES

- Power Density over 11 Watt / In³
- Modular Construction Offering up to 9 Outputs
- Output Voltage 1.5V to 300V
- Pparalleled Modules for Increased Output Power
- All Outputs Isolated and Fully Regulated
- Output Noise and Ripple as low as 0.25% or 10mV typ. (at any load, 20MHz BW)
- Low Output Common-Mode Noise
- Active Load Sharing for N+1 Redundancy
- .99 Power Factor Correction to EN61000-3-2
- Universal Input 90 to 264 VAC
- Operating Temperature -40 to 75C

OPTIONS

- VXI/VME Signal Set
- N+1 Redundancy
- Output Good and AC Power Fail Signals
- Global and Individual Output Inhibit



OUTPUT MODULE RATINGS (Up to 5 Modules per Power Supply)

	2V	3.3V	5V	8V	12V	15V	18V	24V	35V	48V	
SINGLE OUTPUT MODULE	40A	40A	40A	25A	18.3A	14.7A	12.2A	9.2A	6.3A	4.6A	
								75V 2.7A	100V 2.0A	150V 1.0A	
*Custom output voltages available ** 75V, 100V and 150V modules stackable up to 300V											
DUAL OUTPUT MODULE (per output)	2V	3.3V	5V	8V	12V	15V	18V	24V	35V	48V	
	20A	20A	20A	12.5A	10.4A	8.3A	7.0A	5.2A	3.6A	2.6A	
*Custom output voltages available **Combination of any two outputs per module											

2-UP, 3-UP, 4-UP and 5-UP Series

700/1000 Watt Modular Power Supplies

ELECTRICAL SPECIFICATIONS

PARAMETER	LIMITS	CONDITIONS
Input Operating Voltage	90-264 VAC (47-63 Hz)	
Total Output Power	1200 W, 180-264 VAC 700 W, 90-180 VAC	-40 to 50 deg. C -40 to 50 deg. C derate linearly to 500W at 75 deg. C
Power Factor Correction	>0.99 Meets EN 61000-3-2 Class D	
Conducted EMI	EN 55022 Class A Compliant	
Safety	UL, cUL, TÜV	
Efficiency	75% min.	115 VAC
Inrush Current	45A max.	240 VAC
Undervoltage Lockout	80 VAC typ.	
Hold-Up Time	> 20 mSec.	90 VAC
Power Fail Warning	> 8 mSec.	90 VAC
VME/VXI Signals	Per VME/VXI Specification	Optional
DC Power Good Signal	-10% at Any Output	Optional
Output Over Current Protection	105-125% of Full Load (Automatic Recovery)	
Output Over Voltage Protection	115-125% of Nominal Output Voltage (Latching)	
Output Over Temperature Protection	55 deg. C Ambient (Latching)	700 W (output)
Output Ripple and Noise	0.5% or 20 mV pk-pk (whichever is greater) (0.25% or 10mV pk-pk typical)	20 MHz BW, any load
Transient Response	3% or 150 mV (whichever is greater) 250 uSec Recovery to 1% or 50 mV	25% Step Load from 75% to 100% or from 100% to 75%
Regulation	Line 0% Load 0.2% max. Cross 0% Thermal 0.02%/deg. C max.	90 to 264 VAC No Load to Full Load Any Condition 0 to 75 deg. C
Remote Sense	0.5V max. Cable Drop Compensation	
Current Share	Available on Single Output Modules (1-terminal or 2-terminal differential bus)	
Global Output Inhibit	Isolated TTL input	

MECHANICAL SPECIFICATIONS

Cooling:	Internal Built-in Fans, 40 CFM Total	Dimensions:	2-module 480W: 2.50" x 4.13" x 7.30"
Environmental:	Storage Temperature: -20 to 85 deg. C		3-module 700W: 2.50" x 5.00" x 7.30"
	Operating Temperature: -40 to 75 deg. C		4-module 1000W: 2.50" x 5.88" x 7.30"
	Humidity: 5 to 95% non-condensing		5-module 1200W: 2.50" x 6.75" x 7.30"