



POWER

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iMP—Intelligent Medium Power

Redefining the word flexibility, Astec Power's Intelligent MP (iMP) provides innovative, full I²C control integrated within a medically-approved, high density, RoHS compliant modular power supply system. The product offers up to 50 percent higher power density over the existing industry-leading MP series, with no increase in cost. With over 200 million standard combinations and flexible customer-programmable features, the iMP is truly ahead of its time.



Features ▶

- Full medical EN 60601 approval
- Industrial temperature range
- Configurable current share
- Voltage adjustment on all outputs
- Up to 50 percent increase in power density

Benefits ▶

- Intelligent control monitoring
- High reliability—500K hours MTBF
- Programmable flexibility
- Optional extra hold PU module for SEMI F47 compliance
- Millions of standard configurations

Applications ▶

- Instrumentation
- Test equipment
- Medical equipment
- Data storage
- Industrial controls

Product Specifications ▶

Module Code	1	2	3	4		None		
	Single	Single	Single	Dual		Triple**		
Max. output power	210W	360W	750W	144W		36W		
Max. output current	35A	60A	150A	10A		2A		
Output voltages available*	2V–60V	2V–60V	2V–60V	5V, 12V–15V, 28V–30V	2V–6V, 12V–15V, 28V–30V	8V–15V	8V–28V	2V–28V
Standard voltage increments	25	25	25	19	NA	18	NA	NA
Remote sense	Yes	Yes	Yes	Yes	Yes	No	No	No
Remote margin	Yes	Yes	Yes	No	No	No	No	No
V-program–I ² C control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Active current share	Yes	Yes	Yes	Yes	No	No	No	No
Module inhibit–I ² C control	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Module inhibit–analog	NA	Yes	Yes	No	No	No	No	No
Over-voltage/over-current protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Minimum load required	No	No	No	No	No	No	No	No
Slots occupied in any iMP case	1	2	3	1		1		

Voltage (V)	Voltage Code	Single Output Module Code (A)			Dual Output (A)		Triple Output (A)			I ² C Adjustment Ranges
		1	2	3	V1	V2	V1	V2	V3	
2	A	35	60	150	NA	10	NA	NA	2	1.8–6.1
2.2	B	35	60	150	NA	10	NA	NA	2	
3	C	35	60	150	NA	10	NA	NA	2	
3.3	D	35	60	150	NA	10	NA	NA	2	
5	E	35	60	150	10	10	NA	NA	2	
5.2	F	35	60	150	NA	10	NA	NA	2	
5.5	G	34	58	137	NA	10	NA	NA	2	
6	H	23	42	80	NA	10	NA	NA	2	
8	I	20	36	80	NA	NA	1	1	1	5.4–13.2
10	J	18	32	75	NA	NA	1	1	1	
11	K	17	31	68	NA	NA	1	1	1	
12	L	17	30	62.5	10	4	1	1	1	
14	M	14	21	53.5	9	4	1	1	1	12.6–22.0
15	N	14	20	50	8	4	1	1	1	
18	O	11	19	41.6	NA	NA	NA	0.5	0.5	
20	P	10.5	18	37.5	NA	NA	NA	0.5	0.5	
24	Q	8.5	15	31.3	4	2	NA	0.5	0.5	21.6–39.6
28	R	6.7	12.8	26.8	3	2	NA	0.5	0.5	
30	S	6.5	12	25	NA	NA	NA	NA	NA	
33	T	6.2	11	22.7	NA	NA	NA	NA	NA	
36	U	5.8	10	20.8	NA	NA	NA	NA	NA	37.8–60.0
42	V	4.2	7.5	17.9	NA	NA	NA	NA	NA	
48	W	4	7.5	15.6	NA	NA	NA	NA	NA	
54	X	3.7	6	13.9	NA	NA	NA	NA	NA	
60	Y	3.5	6	12.5	NA	NA	NA	NA	NA	
Non-std***	Z	Special voltage—consult factory for specifications								

*Programmable **Triple output module is not programmable through I²C ***Increments of current not shown can be achieved by paralleling modules (add currents of each module selected)
 Note: All parts are configurable to your application; please contact Arrow for more information.

Arrow Industrial Selector Guide

800-349-4960 | www.arrownac.com/industrial



Industrial Power Supplies (15W to 1500W)– Single Output

Lambda is one of the largest designers and manufacturers of robust industrial power supplies. Our rugged, high-reliability AC/DC switch-mode power supplies feature user-adjustable outputs and they operate from wide-range input voltages with power factor correction. Conformance to UL/CSA/EN safety standards and EN/FCC EMC specs (conducted and radiated) are standard. All supplies are RoHS compliant. Many models listed below meet the tough Semi F47 and Factory Mutual (FM) specifications.

Features ▶

- Warranty up to 5 years
- Power factor corrected
- High efficiency
- Full safety approvals
- Wide-output adjust ranges

Benefits ▶

- Low cost of ownership
- Supports global use
- Easy system cooling
- Worldwide acceptance
- Adapts to special applications

Applications ▶

- Factory automation
- Process and control equipment
- Semiconductor fabrication equipment
- Harsh environments
- Panel builders

Product Specifications ▶

Part Number	Type	Output (V/A)	Output Adjust Range (VDC)	Output Power (W)	Input Voltage (VAC)	Size W x H x D (inches)	Warranty (years)	Operating Temperature** (°C)	Markets
DPP25-5	DIN-rail	5/5	5-6	25	85-264	1.77 x 2.95 x 3.58	2	-10 to +71	PB, SF, FA, PC
DPP30-12	DIN-rail	12/2.5	9.9-12.1	30	85-264	1.77 x 2.95 x 3.58	2	-10 to +71	PB, SF, FA, PC
DPP50-15	DIN-rail	15/3.4	11.9-15.1	50	85-264	1.77 x 2.95 x 3.58	2	-10 to +71	PB, SF, FA, PC
DPP15-24	DIN-rail	24/0.63	22.5-28.5	15	85-264	0.9 x 2.95 x 3.81	2	-10 to +71	PB, SF, FA, PC
DPP30-24	DIN-rail	24/1.3	22.5-28.5	30	85-264	1.77 x 2.95 x 3.58	2	-10 to +71	PB, SF, FA, PC
DPP50-24	DIN-rail	24/2.1	22.5-28.5	50	85-264	1.77 x 2.95 x 3.58	2	-10 to +71	PB, SF, FA, PC
DLP75-24-1/E	DIN-rail	24/3.1	21.6-28	75	85-132/170-265	1.96 x 3.8 x 4.33	3	-10 to +60	PB, FA, PC
DLP100-24-1/E	DIN-rail	24/4.1	21.6-28	100	85-132/170-265	2.36 x 3.8 x 4.33	3	-10 to +60	PB, FA, PC
DPP100-24	DIN-rail	24/4.2	22.5-28.5	100	85-132/176-264	1.77 x 2.95 x 3.81	2	-10 to +71	PB, FA, PC
DLP120-24-1/E	DIN-rail	24/5	21.6-28	120	85-132/170-265	2.36 x 3.8 x 4.33	3	-10 to +60	PB, FA, PC
DLP180-24-1/E	DIN-rail	24/7.5	21.6-28	180	85-264	3.15 x 3.8 x 4.33	3	-10 to +60	PB, SF, FA, PC
DLP240-24-1/E	DIN-rail	24/10	21.6-28	240	85-264	4.72 x 3.8 x 4.33	3	-10 to +60	PB, SF, FA, PC
DPP480-24-1	DIN-rail	24/20	22.5-28.5	480	90-264	6.89 x 4.92 x 4.57	2	-25 to +71	PB, SF, FA, PC
DPP50-48	DIN-rail	48/1.05	48-56	50	85-264	1.77 x 2.95 x 3.81	2	-10 to +71	PB, SF, FA, PC
LZSA-1000-2	Enclosed	12/84	10-15.75	1000	85-265	5.6 x 4.75 x 10.5	5	-40 to +71	HE, FA, PC
HWS15-24/A*	Enclosed	24/0.65	19.2-28.8	15	85-265	1.04 x 3.23 x 3.15	5	-10 to +70	SE, HE, FA, PC
HWS30-24/A*	Enclosed	24/1.3	19.2-28.8	30	85-265	1.04 x 3.23 x 3.74	5	-10 to +70	SE, HE, FA, PC
HWS50-24/A*	Enclosed	24/2.2	19.2-28.8	50	85-265	1.04 x 3.23 x 4.72	5	-10 to +70	SE, HE, FA, PC
HWS100-24/A*	Enclosed	24/4.5	19.2-28.8	100	85-265	1.1 x 3.23 x 6.3	5	-10 to +70	SE, HE, FA, PC
HWS150-24/A*	Enclosed	24/6.5	19.2-28.8	150	85-265	1.46 x 3.23 x 6.3	5	-10 to +70	SE, HE, FA, PC
HWS300-24*	Enclosed	24/14	19.2-28.8	300	85-265	2.4 x 3.23 x 6.5	5	-10 to +70	SE, HE, FA, PC
LZSA-500-3	Enclosed	24/21	18-29.4	500	85-265	4.25 x 4.75 x 10.25	5	-40 to +71	HE, FA, PC
HWS600-24*	Enclosed	24/27	19.2-28.8	600	85-265	3.94 x 3.23 x 6.5	5	-10 to +70	SE, HE, FA, PC
LZSA-1000-3	Enclosed	24/42	18-29.4	1000	85-265	5.6 x 4.75 x 10.5	5	-40 to +71	HE, FA, PC
LZSA-1500-3	Enclosed	24/63	18-29.4	1500	180-265	5.6 x 4.75 x 10.5	5	-40 to +71	HE, FA, PC
HWS1500-24*	Enclosed	24/65	19.2-28.8	1500	85-265	5 x 3.25 x 11	5	-10 to +70	SE, HE, FA, PC

MARKETS LEGEND: PB: Panel builders, SF: Semiconductor fabrication, HE: Harsh environments, FA: Factory automation, PC: Process control

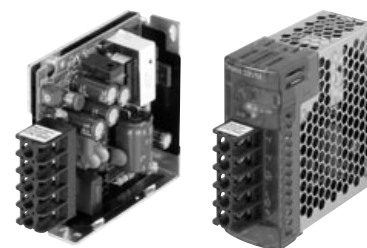
*For HWS series with wider operating temperature ranges, specify "/HD" suffix

**Output derating applies



Compact Power Supply

Our power supply features OMRON's new and unique under-voltage alarm function and its compact body contributes to machine downsizing.



S8VM series

Features ▶

- Under-voltage alarm function
- 15W to 1,500W models
- Finger protection prevents electric shock
- Approvals: IL, cUL, UL508 listed, CE, Class 1 Div 2, and DEMI F47
- Open frame type and mounting brackets available

Benefits ▶

- Compact size
- Uniform height
- New design prevents screws from falling out

Applications ▶

- Semiconductor wafer production
- Continuous production processes
- Robotics in the automotive industry
- Panel and machine builders
- Food and beverage industry

Product Specifications ▶

Part Number	Power Ratings (W)	Dimensions (H x W x D) mm (inches)	Type	Output (V)	Output Current (A)
S8VM-01505CD	15	84.5 x 33.5 x 84.5 (3.33 x 1.32 x 3.32)	DIN-rail, covered, AC100-240 VAC input	5	3
S8VM-01512CD			DIN-rail, covered, AC100-240 VAC input	12	1.3
S8VM-01524AD			DIN-rail, covered, with undervoltage alarm, AC100-240 VAC input	24	0.65
S8VM-01524CD			DIN-rail, covered, AC100-240 VAC input	24	0.65
S8VM-03005CD	30	84.5 x 33.5 x 99.5 (3.33 x 1.32 x 3.92)	DIN-rail, covered, AC100-240 VAC input	5	6
S8VM-03012CD			DIN-rail, covered, AC100-240 VAC input	12	2.5
S8VM-03024AD			DIN-rail, covered, with undervoltage alarm, AC100-240 VAC input	24	1.3
S8VM-03024CD			DIN-rail, covered, AC100-240 VAC input	24	1.3
S8VM-05005CD	50	84.5h x 33.5 x 124.5 (3.33 x 1.32 x 4.90)	DIN-rail, covered, AC100-240 VAC input	5	10
S8VM-05012CD			DIN-rail, covered, AC100-240 VAC input	12	4.3
S8VM-05024AD			DIN-rail, covered, with undervoltage alarm, AC100-240 VAC input	24	2.2
S8VM-05024CD			DIN-rail, covered, AC100-240 VAC input	24	2.2
S8VM-10005CD	100	84.5 x 35 x 164.5 (3.33 x 1.38 x 6.48)	DIN-rail, covered, AC100-240 VAC input	5	20
S8VM-10012CD			DIN-rail, covered, AC100-240 VAC input	12	8.5
S8VM-10024AD			DIN-rail, covered, with undervoltage alarm, AC100-240 VAC input	24	4.5
S8VM-10024CD			DIN-rail, covered, AC100-240 VAC input	24	4.5
S8VM-15005CD	150	84.5 x 44 x 164.5 (3.33 x 1.73 x 6.48)	DIN-rail, covered, AC100-240 VAC input	5	27
S8VM-15012CD			DIN-rail, covered, AC100-240 VAC input	12	12.5
S8VM-15024AD			DIN-rail, covered, with undervoltage alarm, AC100-240 VAC input	24	6.5
S8VM-15024CD			DIN-rail, covered, AC100-240 VAC input	24	6.5
S8VM-30024C	300	83.5 x 62.5 x 188 (3.29 x 1.73 x 7.4)	Covered, AC100-240 VAC input	24	14
S82Y-VM30D					
S8VM-60024C	600	83.8 x 101.8 x 192 (3.3 x 4 x 7.56)	Covered, AC100-240 VAC input	24	27
S8VM-15224C	1500	82 x 126.5 x 327 (3.23 x 4.98 x 12.87)	Covered, AC100-240 VAC input	24	65



Power supplies

Phoenix Contact Power Supplies

QUINT POWER and TRIO POWER products deliver reliable power with excellent efficiency. QUINT POWER offers rugged, industrial-purpose power supplies with temperature ratings up to +60 degrees Celsius without de-rating. QUINT POWER also offers POWER BOOST technology for excess current reserves and a series of DC-DC uninterruptible power supplies. TRIO POWER supplies deliver a reliable, general-purpose power supply that can supply nominal current up to +55 degrees Celsius without de-rating.

Features ▶

- Operating temperatures up to +60°C on QUINT POWER and +55°C on TRIO POWER without derating
- Permanent POWER BOOST power reserve on QUINT POWER of up to 50 percent for heavy loads and future expansion
- Universal, full-spectrum AC input voltage range
- Class I, Division 2, and ATEX versions with QUINT POWER
- 5-year USA warranty with optional TRABTECH no-fault warranty

Benefits ▶

- Provides nominal current outputs at extreme temperatures
- Can start capacitive loads with high amounts of inrush current
- Full spectrum of input ranges prevents output loss due to over-voltages or voltage sags on the input
- Harsh environment ratings reduce the number of precautions needed for power supplies
- Reliable and rugged power supplies

Applications ▶

- AC/DC power conversion without step-down transformer
- Total control cabinet power
- Mission-critical control applications
- General-purpose machine I/O
- Hazardous locations

Product Specifications ▶

Part Number	Description	Input Voltage	Output Voltage (VDC)	Output Current	Operating Temperature (°C)	Diagnostics	Class I, Div. 2	Dimensions (mm)
2938578	QUINT-PS-100-240AC/24DC/2.5	85-264 VAC/90-350 VDC	24	2.5A	-25 to +70	LED transistor, relay	√	55 x 130 x 125
2938581	QUINT-PS-100-240AC/24DC/5	85-264 VAC/90-350 VDC	24	5.0A	-25 to +70	LED transistor, relay	√	55 x 130 x 125
2938604	QUINT-PS-100-240AC/24DC/10	85-264 VAC/90-350 VDC	24	10.0A	-25 to +70	LED transistor, relay	√	85 x 130 x 125
2938620	QUINT-PS-100-240AC/24DC/20	85-264 VAC/90-350 VDC	24	20.0A	-25 to +70	LED transistor, relay	√	157 x 130 x 125
2938879	QUINT-PS-100-240AC/24DC/40	85-264 VAC/90-350 VDC	24	40.0A	-25 to +70	LED transistor, relay	√	240 x 130 x 125
2938594	QUINT-PS-3x400-500AC/24DC/5	3 x 320-575 VAC/450-800 VDC	24	5.0A	-25 to +70	LED transistor, relay	√	70 x 130 x 125
2938617	QUINT-PS-3x400-500AC/24DC/10	3 x 320-575 VAC/450-800 VDC	24	10.0A	-25 to +70	LED transistor, relay	√	85 x 130 x 125
2938727	QUINT-PS-3x400-500AC/24DC/20	3 x 320-575 VAC/450-800 VDC	24	20.0A	-25 to +70	LED transistor, relay	√	160 x 130 x 125
2938646	QUINT-PS-3x400-500AC/24DC/40	3 x 320-575 VAC/450-800 VDC	24	40.0A	-25 to +70	LED transistor, relay	√	240 x 130 x 125
2866255	QUINT-PS-100-240AC/48DC/5	85-264 VAC/90-350 VDC	48	5.0A	-25 to +70	LED transistor, relay	NA	85 x 130 x 125
2938976	QUINT-PS-100-240AC/48DC/20	85-264 VAC/90-350 VDC	48	20.0A	-25 to +70	LED transistor, relay	NA	240 x 130 x 125
2938219	QUINT-PS-3x400-500AC/48DC/10	3 x 320-575 VAC/450-800 VDC	48	10.0A	-25 to +70	LED transistor, relay	NA	160 x 130 x 125
2938222	QUINT-PS-3x400-500AC/48DC/20	3 x 320-575 VAC/450-800 VDC	48	20.0A	-25 to +70	LED transistor, relay	NA	240 x 130 x 125
2938853	QUINT-PS-100-240AC/24DC/5/EX	85-264 VAC/90-350 VDC	24	5.0A	-25 to +70	LED transistor, relay	√	55 x 130 x 125
2938866	QUINT-PS-100-240AC/24DC/10/EX	85-264 VAC/90-350 VDC	24	10.0A	-25 to +70	LED transistor, relay	√	85 x 130 x 125
2866268	TRIO-PS/1AC/24DC/2.5	85-264 VAC	24	2.5	0 to +70	LED	NA	32 x 130 x 115
2866310	TRIO-PS/1AC/24DC/5	85-264 VAC	24	5	0 to +70	LED	NA	40 x 130 x 115
2866323	TRIO-PS/1AC/24DC/10	85-264 VAC	24	10	0 to +70	LED	NA	60 x 130 x 152.5
2866381	TRIO-PS/1AC/24DC/20	85-264 VAC	24	20	0 to +70	LED	NA	115 x 130 x 152.5
2866459	TRIO-PS/3AC/24DC/10	3 x 320-575 VAC	24	10	0 to +70	LED	NA	60 x 130 x 152.5
2866394	TRIO-PS/3AC/24DC/20	3 x 320-575 VAC	24	20	0 to +70	LED	NA	115 x 130 x 152.5
2866404	TRIO-PS/3AC/24DC/40	3 x 320-575 VAC	24	10	0 to +70	LED	NA	60 x 130 x 152.5
2866213	QUINT-BUFFER/24DC/20	24 VDC	24	20	-25 to +70	LED transistor	√	64 x 130 x 125
2866226	QUINT-DC-UPS/24DC/10	24 VDC	24	10	-25 to +70	LED relay contact	√	100 x 130 x 125
2866239	QUINT-DC-UPS/24DC/20	24 VDC	24	20	-25 to +70	LED relay contact	√	66 x 130 x 125
2866242	QUINT-DC-UPS/24DC/40	24 VDC	24	40	-25 to +70	LED relay contact	NA	66 x 130 x 125
2866349	QUINT-BAT/24DC/3.4AH	24 VDC	24	3.4 Ah	0 to +40	NA	NA	112 x 145 x 123
2866352	QUINT-BAT/24DC/7.2AH	24 VDC	24	7.2 Ah	0 to +40	NA	NA	164 x 156 x 123
2866365	QUINT-BAT/24DC/12AH	24 VDC	24	12 Ah	0 to +40	NA	NA	231 x 156 x 123

For a complete list of Phoenix Contact, Inc. products contact an Arrow representative at 800-349-4960.



Internal Power Supplies

SL Power Electronics designs and manufactures internal switch-mode power supplies from 7W to 6,000W. Marketed under the Condor brand name, its standard power supplies are industrial-grade and available in open-frame, enclosed, or rack-mount configurations. SL Power global engineering teams have the expertise to deliver custom solutions to meet special environmental, safety, and packaging constraints.



GNT400 4.0" x 7.0" x 1.5"

Features ▶

- Wide-range input
- Compact footprint
- Approved according to UL, CSA, and EN/IEC standards
- RoHS compliant
- 2-year warranty

Benefits ▶

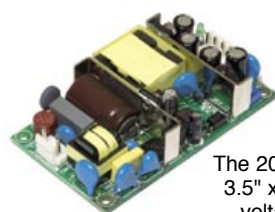
- Reliable performance: reputable, no field failures
- Affordable: industry-standard footprint for drop-in replacement
- Saves time: standard safety approvals already done
- Global usage: one power supply for all
- Flexible design platform: ease in customization

Applications ▶

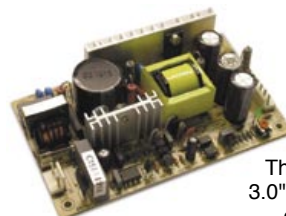
- Automated manufacturing systems
- Instrumentation and test equipment
- Process control systems
- Gaming and entertainment equipment
- Access control and security systems

Product Specifications ▶

Part Number	Output Voltage (V)	Current (AC)	Line Regulation (%)	Load Regulation (%)	OVP Set Point (V)	Ripple and Noise (P-P)	
GECA20-5G	5.1	4.0	±0.5	±3	7.0±1.0	1%	
GECA20-12G	12	1.67	±0.5	±3	16.8±2.4	1%	
GECA20-15G	15	1.34	±0.5	±3	21.0±3.0	1%	
GECA20-24G	24	0.84	±0.5	±3	33.6±4.8	1%	
GECA40-5G	5	7	±0.5	±3	7.0±1.0	50 mV	
GECA40-12G	12	3.3	±0.5	±3	16.8±2.4	120 mV	
GECA40-15G	15	2.7	±0.5	±3	21.0±3.0	150 mV	
GECA40-24G	24	1.7	±0.5	±3	33.6±4.8	240 mV	
Part Number	Output Voltage (V)	Output Current 100 VAC Convection	Output Current 240 VAC Convection	90-270 VAC Fan-Cooled	Ripple and Noise (mV)	Total Regulation OVP (%)	Threshold (V)
GNT212G	12	8.3	12.5	16.7	120	±2	14 ±1
GNT215G	15	6.7	10.0	13.3	150	±2	17.6 ±1
GNT218G	18	5.6	8.3	11.1	180	±2	20.8 ±1
GNT224G	24	4.2	6.3	8.3	240	±2	26.5 ±1
GNT228G	28	3.6	5.4	7.1	250	±2	34 ±1.2
GNT236G	36	2.5	3.9	5.6	270	±2	39 ±1.5
GNT248G	48	1.9	2.9	4.2	360	±2	55 ±2
Part Number	Voltage (V)	Fan-Cooled Amps	Convection Amps	Ripple and Noise (mV)	Total Regulation (%)	OVP Threshold (V)	
GNT412ABG	12	33.3	25	120	±2	14 ±0.75	
GNT424ABG	24	16.7	12.5	240	±2	26.5 ±1	
GNT436ABG	36	11.1	8.3	360	±2	39 ±1	
GNT448ABG	48	8.4	6.3	480	±2	55 ±2	



The 20W commercial series, measuring 3.5" x 2.0" x 0.85", is available in four voltages ranging from 12V to 48V.



The 40W commercial series measures 3.0" x 5.0" x 1.25"; it is available in single-output and multiple-output models.

Arrow Industrial Selector Guide

800-349-4960 | www.arrow.com/industrial



32W Energy Star



External Power Supplies

SL Power Electronics designs and manufactures external power supplies. Its robust offering, marketed under the Ault brand name, includes switch-mode power supplies from 5W to 200W (many of which meet Energy Star requirements), battery chargers in popular chemistries, DC mobile adapters for portable power, Power-over-Ethernet midspan solutions, transformers, and linear power supplies—and targeted technical support for custom solutions.

Features ▶

- Universal, wide-range input
- Desktop or wall-mount configurations; single or multiple outputs available
- Available in several voltages from 5V to 48V
- Most families meet global environmental regulations (Energy Star, California Energy Commission)
- Families range from 6W to 120W; all RoHS compliant

Benefits ▶

- Compact designs; private labeling available to meet unique OEM needs
- Global engineering support—decades of experience in the design of power solutions to meet your requirements
- Broad range of options—broad power range, various configurations, connector options, case colors, environmental requirements
- Reduced time to market—external power supplies can be designed on parallel path to OEM product
- Highly reliable performance—proven designs, ISO certified facilities, competitive pricing

Applications ▶

- Card readers
- Gas pumps
- Handheld test equipment
- HVAC systems
- ATM machines
- Access control and security equipment

Product Specifications ▶

	Product Series	Power Range (W)	Desktop	Wall-Mount	Voltages	Energy Star
Single Output	PW 117	6-12	Yes	Yes	3, 5, 7, 8, 9, 12, 15, 18, 24, 48	No
	PW149	12	Yes	Yes	9, 12, 15, 18, 24, 33, 48	Yes
	PW170	6-15	Yes	Yes	3.3, 5, 6, 9, 12, 15, 18, 24, 48	Yes
	PW118	10-9	Yes	Yes	3, 5, 9, 12, 15, 18, 24, 48	No
	PW148	18-19	Yes	Yes	9, 12, 15, 18, 24, 33, 48	Yes
	PW128	13-32	Yes	Yes	3.3, 5, 6, 7, 9, 12, 15, 18, 24, 36, 48	No
	PW125	16-40	Yes	Yes	3.3, 5, 7, 9, 12, 15, 18, 24, 48	No
	PW160	15-48	Yes	No	3, 5, 7, 9, 12, 15, 16, 18, 24, 48	No
	PW173	20-32	Yes	Yes	5, 9, 12, 15, 18, 24, 48	Yes
	PW136	23-60	Yes	Yes	3.3, 5, 7, 9, 12, 15, 18, 24, 48	No
	PW152	30-50	Yes	No	5, 9, 12, 15, 18, 24, 48	Yes
	PW 174	40-70	Yes	No	5, 9, 12, 15, 18, 24, 48	Yes
	PW116	60-90	Yes	No	5, 6, 9, 12, 13.5, 15, 16, 18, 24, 48	No
	PW132	97-101	Yes	No	12, 15, 24, 48	No
PW122	120	Yes	No	12, 24, 48	No	
Dual Output	Product Series	Voltage (V)	Desktop	Amps	Watts	
	SW201	5, 12	Yes	4.0, 1.0	25	NA
	SC200	5, 12	Yes	4.0, 1.0	25	NA
Triple Output	PW300	5, 12, -12	Yes	5.0, 4.0, 0.5	50	NA
	SW 301	5, 12, -12	Yes	4.0, 1.0, 0.6	25	NA
	SC300	5, 12, -12	Yes	4.0, 1.0, 0.6	25	NA
	SC303	5, 12, -12	Yes	1.0, 0.25, 0.25	11	NA



19W series measuring 3.74" x 2.13" x 1.26". Meets Energy Star requirements.



70W series measuring 4.20" x 2.60" x 1.46". Meets Energy Star requirements.



101W series measuring 9.0" x 2.9" x 2.0".



SPECTRUM CONTROL INC.
A Control Products and Systems Company

EMI Filtered-Power Products

Spectrum Control's EMI filtered-power products prevent unwanted interference from entering your system and they eliminate emissions that can contaminate the AC power grid. Our standard and custom products are available in a wide range of AC/DC current and voltage ratings and they address EMI filtering needs for high-current power applications. All Spectrum power products are designed to meet global EMC emission regulations. The company is committed to providing an integrated approach to EMC problem solving by offering customers consulting, diagnostic testing, design, and manufacturing services.



Features ▶

- Current ratings up to 300A
- Rated voltage for 50 Hz/60 Hz/400 Hz applications
- Operating temperature range -40°C to +85°C
- C and Pi configurations
- Y4-approved capacitors
- Threaded terminals, glass seals, and wire-leaded terminations available
- Effective EMI performance from 100 kHz through 1.0 GHz
- RoHs compliant

Benefits ▶

- Excellent filtering in compact package
- Bolt-in style with D-shaped bushing for easy installation
- Reliability: 100 percent testing of critical electrical parameters
- Low-cost EMI solution
- Custom design options available for design flexibility
- UL and SEMKO approvals

Applications ▶

- Power supplies
- Medical testing and measurement equipment
- Cellular base stations
- Industrial equipment controls
- Biological defense systems
- Automated test equipment

Product Specifications ▶

Part Number	Rated Voltage (VDC/VAC)	Rated Current (A)	C or Pi	Capacitance Value (nF)	Length (mm)	Diameter (mm)
52F226-011-10	130/250	10	C	10	57	14.29
52F226-011-16	130/250	16	C	10	63	19.05
52F226-011-32	130/250	32	C	10	63	19.05
52F226-011-63	130/250	63	C	10	96	25.40
52F226-011-100	130/250	100	C	47	113	31.75
52F226-011-200	130/250	200	C	100	130	31.75
52F226-011-250	130/250	250	C	100	148	50.80
52F226-011-300	130/250	300	C	100	148	50.80
52F226-021-16	130/250	16	C	47	75	19.05
52F226-021-32	130/250	32	C	47	75	19.05
52F226-021-63	130/250	63	C	47	96	25.40
52F226-021-100	130/250	100	C	100	113	31.75
52F226-021-200	130/250	200	C	470	130	31.75
52F226-021-250	130/250	250	C	470	160	50.80
52F226-021-300	130/250	300	C	470	160	50.80
52F226-031-16	130/250	16	C	100	75	19.05
52F226-031-32	130/250	32	C	100	75	19.05
52F226-031-63	130/250	63	C	100	96	25.40
52F226-031-100	130/250	100	C	470	113	31.75
52F226-031-200	130/250	200	C	1000	147	38.10
52F226-031-250	130/250	250	C	1000	178	50.80
52F226-031-300	130/250	300	C	1000	178	50.80
52F226-041-16	130/250	16	C	470	82	31.75
52F226-041-32	130/250	32	C	470	82	31.75
52F226-041-63	130/250	63	C	470	101	31.75
52F226-041-100	130/250	100	C	1000	133	38.10
52F226-041-200	130/250	200	C	4700	165	50.80
52F226-020-10	130/250	10	Pi	10	90	19.05
52F226-020-16	130/250	16	Pi	10	98	19.05
52F226-020-32	130/250	32	Pi	10	98	19.05
52F226-020-63	130/250	63	Pi	100	160	25.40
52F226-020-100	130/250	100	Pi	470	184	31.75
52F226-020-200	130/250	200	Pi	470	209	38.10
52F226-029-10	130/250	10	Pi	100	130	19.05
52F226-029-16	130/250	16	Pi	100	139	19.05
52F226-029-32	130/250	32	Pi	100	139	19.05
52F226-029-63	130/250	63	Pi	470	173	31.75
52F226-029-100	130/250	100	Pi	1000	228	38.10
52F226-029-200	130/250	200	Pi	4700	279	50.80

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