

20W Compact Desktop Power Supplies
PSD20 Series



A range of very compact desktop power supplies for use in office equipment, data transmission devices and IT equipment.



H=30, W=49.5, D=80mm

- 90-264Vac universal wide range input
- Compact size
- Full enclosed plastic case
- Class 2 double insulated
- IEC320 C8 mains inlet connector
- 2.1mm centre positive DC power plug

Input Range 90 - 264VAC
Frequency 47 - 63Hz
Inrush Current 30A at 115Vac, 60A at 230Vac
Output Voltage 5V - 24.0VDC

Efficiency 65%
Ripple 1% peak to peak
Operating Temperature 0 to +40°C
Safety Approvals CUL, TUV, UK, SAA, CCC

Mfrs. List No.	Output Voltage	Output Current	Output Power	Order Code
PSD20-050	5VDC	0-3.4A	17.0W	109-4820
PSD20-120	9VDC	0-2.2A	19.8W	109-4821
PSD20-180	18VDC	0-1.1A	19.8W	109-4822
PSD20-240	24VDC	0-0.8A	19.2W	109-4823

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Mfrs. List No.	Order Code	1+	5+	10+
PSD20-050	109-4820	1,363.00	1,314.00	1,270.00
PSD20-120	109-4821	1,363.00	1,314.00	1,270.00
PSD20-180	109-4822	1,363.00	1,314.00	1,270.00
PSD20-240	109-4823	1,363.00	1,314.00	1,270.00

30W AC/DC Switch Mode Power Supplies



A range of compact switch mode power supplies for use with audio/visual, computer and business equipment. The power supplies have 100 to 240V ac inputs via IEC type mains sockets. CUL and CE approved, UL recognised.



- Wide input voltage
- 30W power handling
- Overvoltage and short circuit protection
- Regulated output
- Centre pin positive
- 1.8m lead terminating in a 2.1mm DC plug

Input Voltage 90 to 264V ac
Frequency 47 to 63Hz
Efficiency 65% min.

Line Regulation 1%
Dimensions (WxHxD) 52 x 33 x 118mm

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Output Voltage	Output Current	Mfrs. List No.	Order Code	1+	5+	10+
3V	5A	SPU30-3.	867-8049	2,524.00	2,382.00	2,267.00
5V	5A	SPU30-5.	867-8057	2,524.00	2,382.00	2,267.00
6V	4A	SPU30-6.	867-8065	2,524.00	2,382.00	2,267.00
7.5V	3.3A	SPU30-7.5.	867-8073	2,524.00	2,382.00	2,267.00
9V	3.3A	SPU30-9.	867-8081	2,524.00	2,382.00	2,267.00
12V	2.5A	SPU30-12.	867-8090	2,524.00	2,382.00	2,267.00
15V	2A	SPU30-15.	867-8103	2,524.00	2,382.00	2,267.00
18V	1.66A	SPU30-18.	867-8111	2,524.00	2,382.00	2,267.00
24V	1.25A	SPU30-24.	867-8120	2,524.00	2,382.00	2,267.00
48V	0.63A	SPU30-48.	867-8138	2,524.00	2,382.00	2,267.00

15/25W Desktop AC/DC Power Supplies



- Single output
- IEC 320 input inlet
- 2.1mm Jack plug (centre +ve) output connector
- 100% burn-in
- Wide input voltage range 90 to 264V ac (47 to 63 Hz)
- Input surge current protection
- Overcurrent/overvoltage protection
- UL listed, cUL, CE, TUV approved

Mfrs. List No.	Voltage (V)	I max. (A)	Tol. (%)	Total Power Output (W)	Order Code
PSE15-105A	5	2.50	5	12	116-5730
PSE15-209A	9	1.66	5	15	116-5731
PSE15-312A	12	1.25	5	15	116-5733
PSE15-516A	16	0.94	5	15	116-5734
PSE15-624A	24	0.63	5	15	116-5735
PSE24-105	5	3.00	5	15	116-5736
PSE24-209	9	2.22	3	20	116-5737
PSE24-312	12	2.00	3	24	116-5738
PSE24-516	16	1.50	3	24	116-5739
PSE24-624	24	1.00	3	24	116-5740

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Mfrs. List No.	Order Code	1+	5+	10+
PSE15-105A	116-5730	2,262.00	2,149.00	2,095.00
PSE15-209A	116-5731	2,262.00	2,149.00	2,095.00
PSE15-312A	116-5733	2,262.00	2,149.00	2,095.00
PSE15-516A	116-5734	2,262.00	2,149.00	2,095.00
PSE15-624A	116-5735	2,262.00	2,149.00	2,095.00
PSE24-105	116-5736	2,639.00	2,507.00	2,445.00
PSE24-209	116-5737	2,639.00	2,507.00	2,445.00
PSE24-312	116-5738	2,639.00	2,507.00	2,445.00
PSE24-516	116-5739	2,639.00	2,507.00	2,445.00
PSE24-624	116-5740	2,639.00	2,507.00	2,445.00

36W Single Output Ultra Compact External



H=20, W=50, D=110mm

- High power density
- Low profile
- Low cost
- Universal input
- IEC320/C8 inlet
- High efficiency
- International safety approvals

These low profile ultra compact desktop supplies provide 36W of power in outputs of 12, 15, 18 and 24Vdc. The AED36 series is one of the smallest 36W external power supplies available in the industry today.

Input Voltage 90-264Vac, 47/63Hz
Output Power 36W
Line Regulation ±1%
Load Regulation 2-5% depending on model
Ripple & Noise ±1% pk-pk max
EMC EN55022 B, FCC Class B
Efficiency 85% typical
Operating Temperature 0°C to +55°C (derate from 40°C to 50% at 55°C)
Safety Standards/Approval UL, CSA, TUV, CE

Mfrs. List No.	Output Voltage	Output Current	Order Code
AED36US12	12V	2.5A	960-2941
AED36US15	15V	2.4A	960-2950
AED36US18	18V	2.0A	960-2968
AED36US24	24V	1.5A	960-2976

413856

Mfrs. List No.	Order Code	1+	5+	10+	+
AED36 Series	All Order Codes	2,576.00	2,499.00	2,422.00	--

45W/70W Switch Mode Universal Input PSU's
PS45A/PS70A Series



A range of compact single output desktop power supplies ideal for general use, with IEC320 C14 input and meeting all international safety approvals including UL, EN60950, Chinese CCC and CE.

- Universal input 90 to 264V ac
- Continuous short circuit protection
- Conductive EMI meets CISPR/FCC Class B
- High efficiency at 85% typical
- Meet UL, CSA, TUV, CE
- Dimensions 132x58x30mm
- IEC320 3 pin AC inlet
- 70W models are ideal for 18" LCD Monitors

Input Voltage Range 90-264V ac
Input Frequency 47-63Hz
Short Circuit Protection
Operating Temperature
Continuous 0°C to 40°C

Input Voltage	Output Voltage	Output Current	Efficiency	Mfrs. List No.	Order Code
90-264V ac	12V	3.75A	85%	PS45A12	117-6768
90-264V ac	24V	1.88A	85%	PS45A24	117-6769
90-264V ac	12V	5.5A	85%	PS70A12	117-6770
90-264V ac	24V	3.0A	85%	PS70A24	117-6771

386335

Mfrs. List No.	Order Code	1+	5+	10+	+
PS45A12	117-6768	3,214.00	3,061.00	2,920.00	--
PS45A24	117-6769	3,214.00	3,061.00	2,920.00	--
PS70A12	117-6770	4,599.00	4,380.00	4,180.00	--
PS70A24	117-6771	4,599.00	4,380.00	4,180.00	--

Power Supplies & DC to DC Convertors

20

Compliant
Non-compliant
RoHS
+ Limited stock - RoHS replacement available