

Twelve Families Available to Match
All Panel-Building Needs

S82D

- Compact power supply for high current loads
- Equipped with overvoltage and overload protection and remote sensing and control functions
- Fan alarm signal warns of fan malfunction
- Parallel connection of two power supplies for loads drawing high current
- Field selectable input voltage ranges
- UL recognized file number E105544, CSA certified file number LR63986



Ordering Information

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number
85-132 VAC/ 170-264 VAC, 50/60 Hz	Single	300 W	5 VDC	60 A	S82D-3005
			12 VDC	27 A	S82D-3012
			24 VDC	14 A	S82D-3024
		600 W	5 VDC	120 A	S82D-6005
			12 VDC	53 A	S82D-6012
			24 VDC	27 A	S82D-6024

S82F

- Economical, compact power supply ideal for driving loads such as solenoids and motors
- Equipped with various convenient functions such as overvoltage and overload protection, remote control and remote sensing
- Parallel operation possible using two or more power supplies of the same model
- Field selectable input voltage ranges
- UL recognized file number E105544, CSA certified file number LR63986



Ordering Information

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number
100-120 VAC/ 200-240 VAC, 50/60 Hz	Single	150 W	12 VDC	13.5 A	S82F-1512
			24 VDC	7 A	S82F-1524
		300 W	24 VDC	14 A	S82F-3024

S82G

- Change from four power ratings and a wide selection of output voltages
- Field selectable input voltage ranges
- UL recognized file numbers E105544 and E104818, CSA certified file number LR63986
- Convenience features include overvoltage and overload protection, remote control and remote sensing

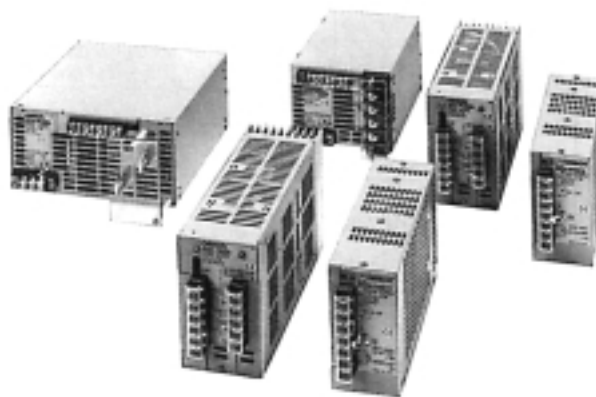


Ordering Information

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number
100-120 VAC/ 200-240 VAC, 50/60 Hz	Single	30 W	5 VDC	6 A	S82G-0305
			12 VDC	2.5 A	S82G-0312
			15 VDC	2 A	S82G-0315
			24 VDC	1.3 A	S82G-0324
		60 W	5 VDC	12 A	S82G-0605
			12 VDC	5 A	S82G-0612
			15 VDC	4 A	S82G-0615
			24 VDC	2.5 A	S82G-0624
		100 W	5 VDC	20 A	S82G-1005
			12 VDC	9 A	S82G-1012
			15 VDC	7.2 A	S82G-1015
			24 VDC	4.6 A	S82G-1024
		150 W	5 VDC	30 A	S82G-1505
			12 VDC	13.5 A	S82G-1512
			15 VDC	10.8 A	S82G-1515
			24 VDC	7 A	S82G-1524

S82H

- Models range from 15 W to 600 W
- Power factor correction (PFC) models available
- UL recognized file numbers E105544 and E104818, CSA certified file number LR63986



Ordering Information

■ POWER SUPPLIES WITHOUT POWER FACTOR CORRECTION

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number
100-120 VAC/ 200-240 VAC, 50/60 Hz, automatically selected	Single	15 W	5 VDC	3 A	S82H-3105
			12 VDC	1.2 A	S82H-3112
			15 VDC	1 A	S82H-3115
			24 VDC	0.6 A	S82H-3124
		30 W	5 VDC	6 A	S82H-3305
			12 VDC	2.5 A	S82H-3312
			15 VDC	2 A	S82H-3315
			24 VDC	1.3 A	S82H-3324
		50 W	5 VDC	10 A	S82H-3505
			12 VDC	4.5 A	S82H-3512
			15 VDC	3.4 A	S82H-3515
			24 VDC	2.3 A	S82H-3524
		100 W	5 VDC	20 A	S82H-10005
			12 VDC	9 A	S82H-10012
			15 VDC	7.2 A	S82H-10015
			24 VDC	4.6 A	S82H-10024
		150 W	5 VDC	30 A	S82H-15005
			12 VDC	13.5 A	S82H-15012
			15 VDC	10 A	S82H-15015
			24 VDC	7 A	S82H-15024

■ POWER SUPPLIES WITH POWER FACTOR CORRECTION

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number
100-240 VAC, 50/60 Hz	Single	100 W	5 VDC	20 A	S82H-P10005
			12 VDC	9 A	S82H-P10012
			15 VDC	7.2 A	S82H-P10015
			24 VDC	4.6 A	S82H-P10024
		150 W	5 VDC	30 A	S82H-P15005
			12 VDC	13.5 A	S82H-P15012
			15 VDC	10 A	S82H-P15015
			24 VDC	7 A	S82H-P15024
		300 W	5 VDC	60 A	S82H-P30005
			12 VDC	27 A	S82H-P30012
			15 VDC	20 A	S82H-P30015
			24 VDC	14 A	S82H-P30024
		600 W	5 VDC	120 A	S82H-P60005
			12 VDC	53 A	S82H-P60012
			15 VDC	40 A	S82H-P60015
			24 VDC	27 A	S82H-P60024

S82J

- Choose open-frame or covered models
- Designed for front-mounting, but may be track-mounted using an adapter
- Universal voltage models available
- UL recognized file numbers E105544 and E104818, CSA certified file numbers LR63986 and LR82164 and VDE approved



Ordering Information

■ UNIVERSAL VOLTAGE MODELS

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number	
					Open frame	Enclosed frame
100-240 VAC, 50/60 Hz	Single	50 W	24 VDC	2.1 A	S82J-05024A	S82J-05024D
		100 W	24 VDC	4.5 A	S82J-10024A	S82J-10024D
		150 W	24 VDC	6.5 A	S82J-15024A	S82J-15024D
		300 W	24 VDC	14 A	---	S82J-30024
		600 W	24 VDC	27 A	---	S82J-60024

■ INDIVIDUAL VOLTAGE MODELS

Power ratings	Output voltage	Output current	Part number			
Rated input voltage			100-120 VAC, 50/60 Hz		200-240 VAC, 50/60 Hz	
Housing type			Open frame	Enclosed frame	Open frame	Enclosed frame
10 W	5 VDC	2 A	S82J-0105	S82J-5105	S82J-2105	S82J-6105
	12 VDC	1 A	S82J-0112	S82J-5112	S82J-2112	S82J-6112
	15 VDC	0.7 A	S82J-0115	S82J-5115	S82J-2115	S82J-6115
	24 VDC	0.5 A	S82J-0124	S82J-5124	S82J-2124	S82J-6124
25 W	5 VDC	5 A	S82J-0205	S82J-5205	S82J-2205	S82J-6205
	12 VDC	2.1 A	S82J-0212	S82J-5212	S82J-2212	S82J-6212
	15 VDC	1.7 A	S82J-0215	S82J-5215	S82J-2215	S82J-6215
	24 VDC	1.1 A	S82J-0224	S82J-5224	S82J-2224	S82J-6224
50 W	5 VDC	10 A	S82J-0505	S82J-5505	S82J-2505	S82J-6505
	12 VDC	4.2 A	S82J-0512	S82J-5512	S82J-2512	S82J-6512
100 W	5 VDC	20 A	S82J-10005A1	S82J-10005D1	S82J-10005A2	S82J-10005D2
	12 VDC	8.5 A	S82J-10012A1	S82J-10012D1	S82J-10012A2	S82J-10012D2
	15 VDC	7.0 A	S82J-10015A1	S82J-10015D1	S82J-10015A2	S82J-10015D2

S82K

- Universal voltage range: 100-240 VAC
- UL508 listed on all models
- Class 2 approved on all models below 240 W, except dual output types
- Undervoltage indicators on all; 100-W type has indicator and output
- Finger-safe terminal block with cover according to VDE0106/P100
- Power factor correction (PFC) models available
- Approvals: UL recognized file numbers E105544 and E104818, CSA certified file number LR82164, VDE and CE



Ordering Information

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number
100-240 VAC	Single	3 W	5 VDC	0.6 A	S82K-00305
			12 VDC	0.25 A	S82K-00312
			15 VDC	0.2 A	S82K-00315
			24 VDC	0.13 A	S82K-00324
100-240 VAC	Single	7.5 W	5 VDC	1.5 A	S82K-00705
			12 VDC	0.6 A	S82K-00712
			15 VDC	0.5 A	S82K-00715
			24 VDC	0.3 A	S82K-00724
	Dual	7.5 W	+12 V/-12V DC	0.3 A/0.2 A	S82K-00727
			+15 V/-15V DC	0.2 A/0.2 A	S82K-00728
100-240 VAC	Single	15 W	5 VDC	2.5 A	S82K-01505
			12 VDC	1.2 A	S82K-01512
			24 VDC	0.6 A	S82K-01524
		30 W	5 VDC	5.0 A	S82K-03005
			12 VDC	2.5 A	S82K-03012
			24 VDC	1.3 A	S82K-03024
		50 W	24 VDC	2.1 A	S82K-05024
120/240 VAC, selectable	Single	90 W	24 VDC	3.75 A	S82K-09024
	Single, with PFC				S82K-P09024
	Single	100 W	24 VDC	4.2 A	S82K-10024
	Single, with PFC				S82K-P10024
	Single	240 W	24 VDC	10 A	S82K-24024
	Single, with undervoltage alarm indicator/output				S82K-24024T
	Single, with PFC				S82K-P24024
100-240 VAC	Single, with PFC				

S82L

- Reliable, full-function compact power supplies offer 7-year warranty
- Equipped with overvoltage and overload protection and remote sensing and control functions
- Parallel connection of two 150 W power supplies lets you handle loads drawing high current
- Field selectable input voltage ranges
- Approvals: UL recognized file number E105544, CSA certified file number LR63986

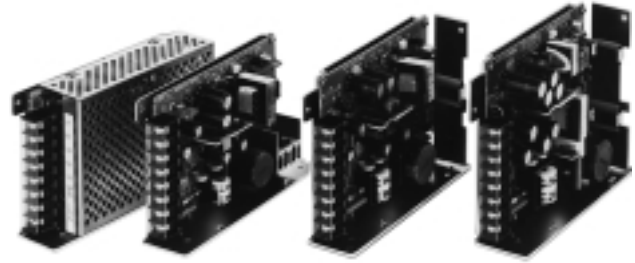


Ordering Information

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number
85-132 VAC/ 170-264 VAC, 50/60 Hz	Single	30 W	5 VDC	6 A	S82L-0305
			12 VDC	2.5 A	S82L-0312
			15 VDC	2 A	S82L-0315
			24 VDC	1.3 A	S82L-0324
		60 W	5 VDC	12 A	S82L-0605
			12 VDC	5 A	S82L-0612
			15 VDC	4 A	S82L-0615
			24 VDC	2.5 A	S82L-0624
		100 W	5 VDC	20 A	S82L-1005
			12 VDC	9 A	S82L-1012
			15 VDC	7.2 A	S82L-1015
			24 VDC	4.6 A	S82L-1024
		150 W	5 VDC	30 A	S82L-1505
			12 VDC	13.5 A	S82L-1512
			15 VDC	10.8 A	S82L-1515
			24 VDC	7 A	S82L-1524

S82R

- Economical two-output power supplies available with two different voltage ratings in a single unit, or two channels of the same voltage with different output currents
- Choose open-frame or covered type models
- Designed for surface, bottom and side mounting
- Approvals: UL recognized file number E105544, CSA certified file number LR82164



Ordering Information

■ INDEPENDENT CONTROL TYPE WITH DIFFERENT OUTPUT VOLTAGES

Power ratings	Output voltage		Output current		Part number			
Rated input voltage					100-120 VAC, 50/60 Hz		200-240 VAC, 50/60 Hz	
Channel	Ch 1	Ch 2	Ch1	Ch 2	Open frame	Enclosed frame	Open frame	Enclosed frame
30 W	5 VDC	12 VDC	2 A	2 A	S82R-0321	S82R-5321	S82R-2321	S82R-6321
	5 VDC	24 VDC	2 A	1 A	S82R-0322	S82R-5322	S82R-2322	S82R-6322
50 W	5 VDC	12 VDC	3 A	3 A	S82R-0521	S82R-5521	S82R-2521	S82R-6521
	5 VDC	24 VDC	2 A	2 A	S82R-0522	S82R-5522	S82R-2522	S82R-6522
75 W	5 VDC	24 VDC	5 A	2 A	S82R-0722	S82R-5722	S82R-2722	S82R-6722

■ SECONDARY AUXILIARY CONTROL TYPE, TWO OF THE SAME OUTPUT VOLTAGES

Power ratings	Output voltage		Output current		Part number			
Rated input voltage					100-120 VAC, 50/60 Hz		200-240 VAC, 50/60 Hz	
Channel	Ch 1	Ch 2	Ch1	Ch 2	Open frame	Enclosed frame	Open frame	Enclosed frame
30 W	12 VDC	12 VDC	1.7 A	0.8 A	S82R-0327	S82R-5327	S82R-2327	S82R-6327
	15 VDC	15 VDC	1 A	1 A	S82R-0328	S82R-5328	S82R-2328	S82R-6328
50 W	12 VDC	12 VDC	3 A	1.2 A	S82R-0527	S82R-5527	S82R-2527	S82R-6527
	5 VDC	24 VDC	1.7 A	1.7 A	S82R-0528	S82R-5528	S82R-2528	S82R-6528

S82S

- Miniature DIN–rail mounting power supplies in 3 W and 7.5 W models
- Wide input voltage range: 10.2 to 27.6 VDC
- UL508 approved
- DC to DC models
- Dual voltage types available
- Ideal for applications with limited space
- Approvals: UL recognized file number E104818; CSA certified file number LR82164

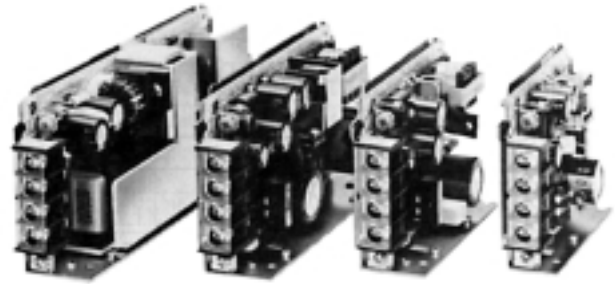


Ordering Information

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number
12 to 24 VDC	Single	3 W	5 VDC	0.6 A	S82S-7305
			12 VDC	0.25 A	S82S-7312
			15 VDC	0.2 A	S82S-7315
			24 VDC	0.13 A	S82S-7324
		7.5 W	5 VDC	1.5 A	S82S-7705
			12 VDC	0.6 A	S82S-7712
			15 VDC	0.5 A	S82S-7715
			24 VDC	0.3 A	S82S-7724
	Dual	7.5 W	+12/–12 VDC	+0.3 A/–0.2 A	S82S-7727
			+15/–15 VDC	+0.2 A/–0.2 A	S82S-7728

S8E1

- Half the size of Omron's other models
- Choose open-frame or enclosed models
- Conforms to 1st group of VCCI for noise terminal voltage and FCC class A
- Approvals: UL recognized file number E152784, CSA certified file LR82164

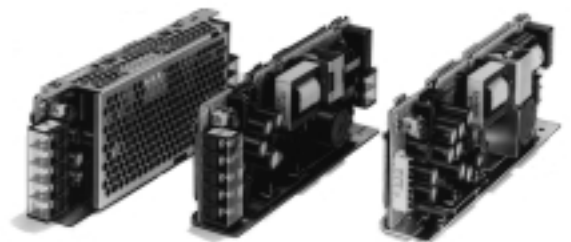


Ordering Information

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number	
					Open frame	Enclosed frame
120 VAC	Single	10 W	5 VDC	2.0 A	S8E1-01005A	S8E1-01005D
			12 VDC	1.0 A	S8E1-01012A	S8E1-01012D
			15 VDC	0.7 A	S8E1-01015A	S8E1-01015D
			24 VDC	0.5 A	S8E1-01024A	S8E1-01024D
		15 W	5 VDC	3.0 A	S8E1-01505A	S8E1-01505D
			12 VDC	1.3 A	S8E1-01512A	S8E1-01512D
			15 VDC	1.0 A	S8E1-01515A	S8E1-01515D
			24 VDC	0.7 A	S8E1-01524A	S8E1-01524D
		25 W	5 VDC	5.0 A	S8E1-02505A	S8E1-02505D
			12 VDC	2.1 A	S8E1-02512A	S8E1-02512D
			15 VDC	1.7 A	S8E1-02515A	S8E1-02515D
			24 VDC	1.1 A	S8E1-02524A	S8E1-02524D
		50 W	5 VDC	10 A	S8E1-05005A	S8E1-05005D
			12 VDC	4.2 A	S8E1-05012A	S8E1-05012D
			15 VDC	3.4 A	S8E1-05015A	S8E1-05015D
			24 VDC	2.2 A	S8E1-05024A	S8E1-05024D

S8E3

- Three different outputs in one unit
- Emission level conforms to FCC class B, VCCI group 2, EN55011 Gr1 class B: EN50081-2
- Leakage current of 0.3 mA max.
- Open-frame and enclosed types
- Approvals: UL recognized file number E152784, CSA certified file LR82164



Ordering Information

Rated input voltage	Output type	Power ratings	Output voltage/Output current			Part number	
			Ch 1	Ch2	Ch 3	Open frame	Enclosed frame
120 VAC	Triple	30 W	5 VDC/3 A	12 VDC/1.2 A	-12 VDC/0.3 A	S8E3-03031A	S8E3-03031D
			5 VDC/3 A	15 VDC/1 A	-15 VDC/0.3 A	S8E3-03032A	S8E3-03032D
		50 W	5 VDC/5 A	12 VDC/1.5 A	-12 VDC/0.5 A	S8E3-05031A	S8E3-05031D
			5 VDC/5 A	15 VDC/1.2 A	-15 VDC/0.5 A	S8E3-05032A	S8E3-05032D

S8PS

- Universal input voltage range:
100-240 VAC
- Power Factor Correction (PFC) on all models
- UL508 approval on 100-W and 150-W models
- Open-frame and enclosed types
- Protection-ON alarm indicators (300-W and 600-W models)
- Approvals: UL recognized file number E152784, CSA certified file number LR82164, VDE and CE



Ordering Information

■ OPEN-FRAME MODELS

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number	
					Front-mounting bracket	DIN rail mounting bracket
100-240 VAC, 50/60 Hz	Single	50 W	5 VDC	10 A	S8PS-05005	S8PS-05005D
			12 VDC	4.2 A	S8PS-05012	S8PS-05012D
			24 VDC	2.1 A	S8PS-05024	S8PS-05024D
		100 W	24 VDC	4.5 A	S8PS-10024	S8PS-10024D
		150 W	24 VDC	6.5 A	S8PS-15024	S8PS-15024D

■ COVERED MODELS

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number	
					Front-mounting bracket	DIN rail mounting bracket
100-240 VAC, 50/60 Hz	Single	50 W	5 VDC	10 A	S8PS-05005C	S8PS-05005CD
			12 VDC	4.2 A	S8PS-05012C	S8PS-05012CD
			24 VDC	2.1 A	S8PS-05024C	S8PS-05024CD
		100 W	24 VDC	4.5 A	S8PS-10024C	S8PS-10024CD
		150 W	24 VDC	6.5 A	S8PS-15024C	S8PS-15024CD

■ ENCLOSED MODELS

Rated input voltage	Output type	Power ratings	Output voltage	Output current	Part number	
					Front-mounting bracket	DIN rail mounting bracket
100-240 VAC, 50/ 60 Hz	Single	300 W	24 VDC	14 A	S8PS-30024C	S8PS-30024CD
		600 W	24 VDC	27 A	S8PS-60024C	—

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