

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	<b>S82D-3005</b>
			12 VDC	27 A	<b>S82D-3012</b>
			24 VDC	14 A	<b>S82D-3024</b>
		600 W	5 VDC	120 A	<b>S82D-6005</b>
			12 VDC	53 A	<b>S82D-6012</b>
			24 VDC	27 A	<b>S82D-6024</b>

## 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	<b>S82F-1512</b>
			24 VDC	7 A	<b>S82F-1524</b>
		300 W	24 VDC	14 A	<b>S82F-3024</b>

## 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

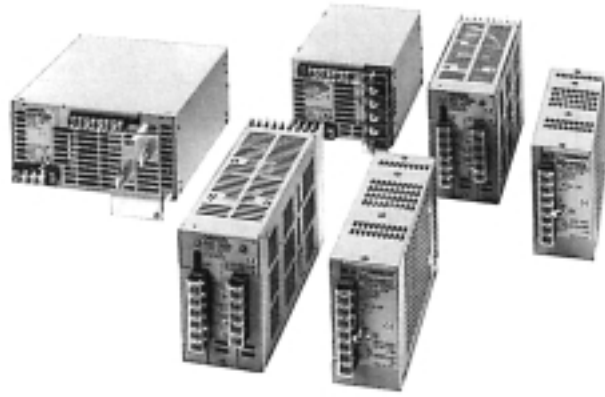


## Ordering Information

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	<b>S82G-0305</b>
			12 VDC	2.5 A	<b>S82G-0312</b>
			15 VDC	2 A	<b>S82G-0315</b>
			24 VDC	1.3 A	<b>S82G-0324</b>
		60 W	5 VDC	12 A	<b>S82G-0605</b>
			12 VDC	5 A	<b>S82G-0612</b>
			15 VDC	4 A	<b>S82G-0615</b>
			24 VDC	2.5 A	<b>S82G-0624</b>
		100 W	5 VDC	20 A	<b>S82G-1005</b>
			12 VDC	9 A	<b>S82G-1012</b>
			15 VDC	7.2 A	<b>S82G-1015</b>
			24 VDC	4.6 A	<b>S82G-1024</b>
		150 W	5 VDC	30 A	<b>S82G-1505</b>
			12 VDC	13.5 A	<b>S82G-1512</b>
			15 VDC	10.8 A	<b>S82G-1515</b>
			24 VDC	7 A	<b>S82G-1524</b>

## 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	<b>S82H-3105</b>
			12 VDC	1.2 A	<b>S82H-3112</b>
			15 VDC	1 A	<b>S82H-3115</b>
			24 VDC	0.6 A	<b>S82H-3124</b>
		30 W	5 VDC	6 A	<b>S82H-3305</b>
			12 VDC	2.5 A	<b>S82H-3312</b>
			15 VDC	2 A	<b>S82H-3315</b>
			24 VDC	1.3 A	<b>S82H-3324</b>
		50 W	5 VDC	10 A	<b>S82H-3505</b>
			12 VDC	4.5 A	<b>S82H-3512</b>
			15 VDC	3.4 A	<b>S82H-3515</b>
			24 VDC	2.3 A	<b>S82H-3524</b>
		100 W	5 VDC	20 A	<b>S82H-10005</b>
			12 VDC	9 A	<b>S82H-10012</b>
			15 VDC	7.2 A	<b>S82H-10015</b>
			24 VDC	4.6 A	<b>S82H-10024</b>
		150 W	5 VDC	30 A	<b>S82H-15005</b>
			12 VDC	13.5 A	<b>S82H-15012</b>
			15 VDC	10 A	<b>S82H-15015</b>
			24 VDC	7 A	<b>S82H-15024</b>

### ■ 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	<b>S82H-P10005</b>
			12 VDC	9 A	<b>S82H-P10012</b>
			15 VDC	7.2 A	<b>S82H-P10015</b>
			24 VDC	4.6 A	<b>S82H-P10024</b>
		150 W	5 VDC	30 A	<b>S82H-P15005</b>
			12 VDC	13.5 A	<b>S82H-P15012</b>
			15 VDC	10 A	<b>S82H-P15015</b>
			24 VDC	7 A	<b>S82H-P15024</b>
		300 W	5 VDC	60 A	<b>S82H-P30005</b>
			12 VDC	27 A	<b>S82H-P30012</b>
			15 VDC	20 A	<b>S82H-P30015</b>
			24 VDC	14 A	<b>S82H-P30024</b>
		600 W	5 VDC	120 A	<b>S82H-P60005</b>
			12 VDC	53 A	<b>S82H-P60012</b>
			15 VDC	40 A	<b>S82H-P60015</b>
			24 VDC	27 A	<b>S82H-P60024</b>

## 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	
100-120/ 200-240 VAC, 50/60 Hz		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	<b>S82K-00305</b>		
			12 VDC	0.25 A	<b>S82K-00312</b>		
			15 VDC	0.2 A	<b>S82K-00315</b>		
			24 VDC	0.13 A	<b>S82K-00324</b>		
100-240 VAC	Single	7.5 W	5 VDC	1.5 A	<b>S82K-00705</b>		
			12 VDC	0.6 A	<b>S82K-00712</b>		
			15 VDC	0.5 A	<b>S82K-00715</b>		
			24 VDC	0.3 A	<b>S82K-00724</b>		
	Dual	7.5 W	+12 V/-12V DC	0.3 A/0.2 A	<b>S82K-00727</b>		
			+15 V/-15V DC	0.2 A/0.2 A	<b>S82K-00728</b>		
100-240 VAC	Single	15 W	5 VDC	2.5 A	<b>S82K-01505</b>		
			12 VDC	1.2 A	<b>S82K-01512</b>		
			24 VDC	0.6 A	<b>S82K-01524</b>		
		30 W	5 VDC	5.0 A	<b>S82K-03005</b>		
			12 VDC	2.5 A	<b>S82K-03012</b>		
			24 VDC	1.3 A	<b>S82K-03024</b>		
		50 W	24 VDC	2.1 A	<b>S82K-05024</b>		
		120/240 VAC, selectable	Single	90 W	24 VDC	3.75 A	<b>S82K-09024</b>
			Single, with PFC				<b>S82K-P09024</b>
Single	100 W		24 VDC	4.2 A	<b>S82K-10024</b>		
Single, with PFC					<b>S82K-P10024</b>		
Single	240 W		24 VDC	10 A	<b>S82K-24024</b>		
Single, with undervoltage alarm indicator/output					<b>S82K-24024T</b>		
100-240 VAC	Single, with PFC				<b>S82K-P24024</b>		

## 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



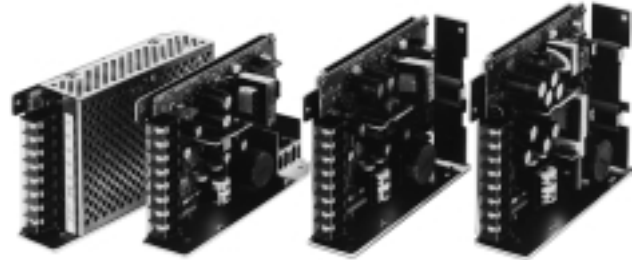
## Ordering Information

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	<b>S82L-0305</b>
			12 VDC	2.5 A	<b>S82L-0312</b>
			15 VDC	2 A	<b>S82L-0315</b>
			24 VDC	1.3 A	<b>S82L-0324</b>
		60 W	5 VDC	12 A	<b>S82L-0605</b>
			12 VDC	5 A	<b>S82L-0612</b>
			15 VDC	4 A	<b>S82L-0615</b>
			24 VDC	2.5 A	<b>S82L-0624</b>
		100 W	5 VDC	20 A	<b>S82L-1005</b>
			12 VDC	9 A	<b>S82L-1012</b>
			15 VDC	7.2 A	<b>S82L-1015</b>
			24 VDC	4.6 A	<b>S82L-1024</b>
		150 W	5 VDC	30 A	<b>S82L-1505</b>
			12 VDC	13.5 A	<b>S82L-1512</b>
			15 VDC	10.8 A	<b>S82L-1515</b>
			24 VDC	7 A	<b>S82L-1524</b>



## 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

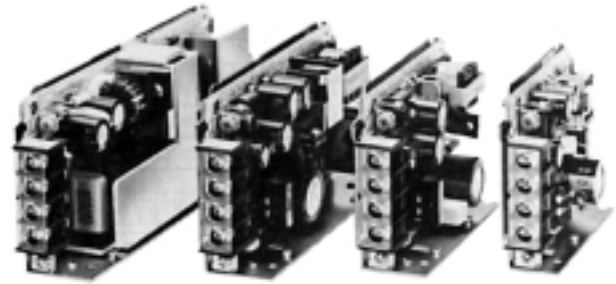


## Ordering Information

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	<b>S82S-7305</b>
			12 VDC	0.25 A	<b>S82S-7312</b>
			15 VDC	0.2 A	<b>S82S-7315</b>
			24 VDC	0.13 A	<b>S82S-7324</b>
		7.5 W	5 VDC	1.5 A	<b>S82S-7705</b>
			12 VDC	0.6 A	<b>S82S-7712</b>
			15 VDC	0.5 A	<b>S82S-7715</b>
			24 VDC	0.3 A	<b>S82S-7724</b>
	Dual	7.5 W	+12/-12 VDC	+0.3 A/-0.2 A	<b>S82S-7727</b>
			+15/-15 VDC	+0.2 A/-0.2 A	<b>S82S-7728</b>

## 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

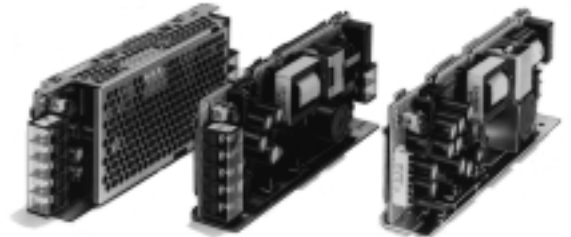


## Ordering Information

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	<b>S8PS-05005</b>	<b>S8PS-05005D</b>
			12 VDC	4.2 A	<b>S8PS-05012</b>	<b>S8PS-05012D</b>
			24 VDC	2.1 A	<b>S8PS-05024</b>	<b>S8PS-05024D</b>
		100 W	24 VDC	4.5 A	<b>S8PS-10024</b>	<b>S8PS-10024D</b>
		150 W	24 VDC	6.5 A	<b>S8PS-15024</b>	<b>S8PS-15024D</b>

### ■ 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	<b>S8PS-05005C</b>	<b>S8PS-05005CD</b>
			12 VDC	4.2 A	<b>S8PS-05012C</b>	<b>S8PS-05012CD</b>
			24 VDC	2.1 A	<b>S8PS-05024C</b>	<b>S8PS-05024CD</b>
		100 W	24 VDC	4.5 A	<b>S8PS-10024C</b>	<b>S8PS-10024CD</b>
		150 W	24 VDC	6.5 A	<b>S8PS-15024C</b>	<b>S8PS-15024CD</b>

### ■ 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	<b>S8PS-30024C</b>	<b>S8PS-30024CD</b>
		600 W	24 VDC	27 A	<b>S8PS-60024C</b>	—

---

**OMRON**<sup>®</sup>**OMRON ELECTRONICS, INC.**One East Commerce Drive  
Schaumburg, IL 60173**1-800-55-OMRON****OMRON CANADA, INC.**885 Milner Avenue  
Scarborough, Ontario M1B 5V8**416-286-6465**