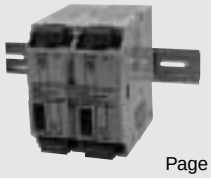
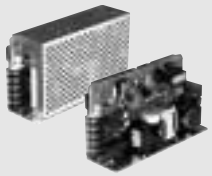
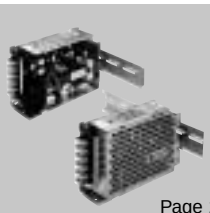
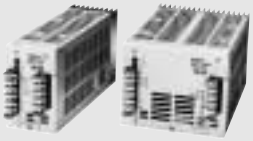
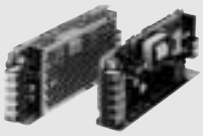
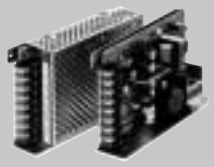
	 Page 8	Page 20	Page 38	Page 56
	S8TS	**S8T-DCBU**	**S8VS**	**S82K**
Product type	Plastic housed, DIN rail mount, Block type	Plastic housed, DIN rail mount, Block type	Plastic and metal housed, DIN rail mount	Plastic housed, DIN rail mount, Bolt-on mount
Output	Single, multiple, mixed	Single	Single	Single and dual outputs
Dimensions mm (in)	120 H x 43 W x 120 D (4.72 x 1.69 x 4.72)	120 H x 43 W x 120 D (4.72 x 1.69 x 4.72)	95 H x 40 W x 108.3 D (3.74 x 1.57 x 4.26) 115 H x 50 W x 121.3 D (4.53 x 1.97 x 4.78) 115 H x 100 W x 125.3 D (4.53 x 3.94 x 4.93)	75 H x 45 W x 96 D (2.95 x 1.77 x 3.78); 75 H x 90 W x 96 D (2.95 x 3.54 x 3.78); 75 H x 145 W x 96 D (2.95 x 5.71 x 3.78); 130 H x 280 W x 142.2 D (5.12 x 11.02 x 5.60)
Input voltage	85 to 264 VAC, 47-63 Hz	24 VDC (Must be used in conjunction with S8TS-06024 block)	85 to 264 VAC, 47-450 Hz	85 to 264 VAC, 47-450 Hz 85 to 135 VAC (selectable), 47-450 Hz 85 to 253 VAC, 47-450 Hz
Power ratings	25, 30, and 60 W	60 W with AC On; 36 W with battery back-up on	60, 90, 120 and 240 W	3, 7.5, 15, 30, 50, 90, 100 and 240 W
Output voltage/current	5 V: 5 A; 12 V: 2.5 A; 24 V: 2.5 A Can be parallel for higher power or isolated for multiple/mixed outputs	24 V: 2.5 A with AC On, 24 V: 1.5 A with battery	24 V: 2.5 A, 3.75 A, 5 A, 10 A	5 V: 0.6 A, 1.5 A, 2.5 A, 5.0 A 12 V: 0.25 A, 0.6 A, 1.2 A, 2.5 A 15 V: 0.2 A, 0.5 A 24 V: 0.13 A, 0.3 A, 0.6 A, 1.3 A, 2.1 A, 3.75 A, 4.2 A, 10 A ±12: +0.3/-0.2 A; ±15: +0.2/-0.2 A
Approvals	cULus, UL508 listed, Class 2 output, VDE, CE Class I, Division 2 groups A,B,C and D hazardous locations	cULus, UL508 listed, Class 2 output, VDE, CE Class I, Division 2 groups A,B,C and D hazardous locations	cULus, UL508 listed, Class 2 output (60 W only), VDE, CE, SEMI F47-0200 voltage sag immunity	UL508 listed, Class 2 output, CSA, VDE, CE

	 Page 80	 Page 102	Page 118	Page 130
	S82J	**S8PS**	**S82D**	**S82H**
Product type	Open frame and covered, DIN rail mount, Bolt-on mount	Open frame and covered, DIN rail mount, Bolt-on mount	Enclosed frame, Industrial grade	Enclosed frame, Industrial grade
Output	Single output	Single output	Single output	Single output
Dimensions mm (in)	97 H x 35 W x 90 D (3.82 x 1.38 x 3.54); 97 H x 40 W x 124 D (3.82 x 1.57 x 4.88); 97 H x 40 W x 161 D (3.82 x 1.57 x 6.34); 97 H x 50 W x 170 D (3.82 x 1.97 x 6.69); 97 H x 50 W x 188 D (3.82 x 1.97 x 7.40); 92 H x 120 W x 181 D (3.62 x 4.72 x 7.13); 92 H x 170 W x 169 D (3.62 x 6.69 x 6.65)	85 H x 40 W x 127 D (3.35 x 1.57 x 5.0); 92 H x 50 W x 145 D (3.62 x 1.97 x 5.71); 92 H x 50 W x 163 D (3.62 x 1.97 x 6.42); 92 H x 110 W x 175 D (3.62 x 4.33 x 6.89); 92 H x 170 W x 179 D (3.62 x 6.69 x 7.05)	92 H x 120 W x 190 D (3.62 x 4.72 x 7.48); 92 H x 190 W x 200 D (3.62 x 7.48 x 7.87)	90 H x 35 W x 100 D (3.54 x 1.38 x 3.94); 90 H x 40 W x 130 D (3.54 x 1.57 x 5.12); 90 H x 45 W x 150 D (3.54 x 1.77 x 5.91); 110 H x 60 W x 200 D (4.38 x 2.36 x 7.87); 120 H x 74 W x 230 D (4.72 x 2.91 x 9.06); 92 H x 120 W x 190 D (3.62 x 4.72 x 7.48); 92 H x 190 W x 200 D (3.62 x 7.48 x 7.87)
Input voltage	85 to 264 VAC, 47-450 Hz 85 to 132 VAC/170 to 253 VAC, 47-450 Hz (auto-select)	86 to 264 VAC, 47-450 Hz	85 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable)	86 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable); 85 to 264 VAC, 47-63 Hz (PFC models)
Power ratings	10, 25, 50, 100, 150, 300 and 600 W	50, 100, 150, 300 and 600 W	300 and 600 W	15, 30, 50, 100, 150, 300 and 600 W
Output voltage/current	5 V: 2 A, 5 A, 10 A, 20 A; 12 V: 1 A, 2.1 A, 4.2 A, 5 A; 15 V: 0.7 A, 1.7 A, 7.0 A; 24 V: 0.5 A, 1.1 A, 2.1 A, 4.5 A, 6.5 A, 14 A, 27 A	5 V: 10 A; 12 V: 4.2 A; 24 V: 2.1 A, 4.5 A, 6.5 A, 14 A, 27 A	5 V: 60 A, 120 A; 12 V: 27 A, 53 A; 24 V: 14 A, 27 A	5 V: 3 A, 6 A, 10 A, 20 A, 30 A, 60 A, 120 A; 12 V: 1.2 A, 2.5 A, 4.5 A, 9 A, 13.5 A, 27 A, 53 A; 15 V: 1 A, 2 A, 3.4 A, 7.2 A, 10 A, 20 A, 40 A; 24 V: 0.6 A, 1.3 A, 2.3 A, 4.6 A, 7 A, 14 A, 27 A
Approvals	UL508 listed, CSA, VDE, CE	UL508, UL1012, CSA, VDE, CE	UL, CSA	UL, CSA, VDE, CE

	 Page 156	Page 166
	S82F	**S82L**
Product type	Enclosed frame, Industrial grade	Enclosed frame, Industrial grade
Output	Single output	Single output
Dimensions mm (in)	120 H x 74 W x 230 D (4.72 x 2.91 x 9.06); 120 H x 146 W x 230 D (4.72 x 5.75 x 9.06)	150 H x 45 W x 120 D (5.91 x 1.77 x 4.72) 150 H x 55 W x 120 D (5.91 x 2.17 x 4.72) 190 H x 60 W x 120 D (7.48 x 2.36 x 4.72) 200 H x 110 W x 120 D (7.87 x 4.33 x 4.72)
Input voltage	85 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable)	85 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable)
Power ratings	120 W (peak 240 W) 150 W, 240 W (peak 480 W) and 300 W	30, 60, 100 and 150 W
Output voltage/current	12 V: 13.5 A; 24 V: 7 A, 14 A	5 V: 6 A, 12 A, 20 A, 30 A 12 V: 2.5 A, 5 A, 9 A. 13.5 A 15 V: 2 A, 4 A, 7.2 A, 10.8 A 24 V: 1.3 A, 2.5 A, 4.6 A, 7 A
Approvals	UL, CSA, VDE, CE	UL, CSA, VDE

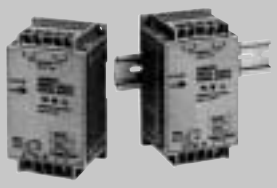
Additional Power Supplies

	S82S	S8E1	S8E3	S82R
Product type	Plastic housed, DIN rail mount	Open frame and covered, Metal housing	Open frame and covered, Metal housing	Open frame and covered, Metal housing
Output	Single output	Single output	Single output	Single output
Dimensions mm (in)	75 H x 37.5 W x 65 D (2.95 x 1.48 x 2.56)	69 H x 28 W x 85 D (2.72 x 1.10 x 3.35) 69 H x 34 W x 94 D (2.72 x 1.34 x 3.70) 69 H x 37 W x 161 D (2.72 x 1.46 x 6.34)	69 H x 33 W x 172 D (2.72 x 1.30 x 6.77); 69 H x 33 W x 193.5 D (2.72 x 1.30 x 7.62)	97 H x 40 W x 161 D (3.82 x 1.57 x 6.34); 112 H x 40 W x 161 D (4.41 x 1.57 x 6.34); 123 H x 44 W x 161 D (4.84 x 1.73 x 6.34)
Input voltage	10.2 to 27.6 VAC	85 to 132 VAC, 47-450 Hz, 110 to 170 VAC	85 to 132 VAC, 47-450 Hz	85 to 132 VAC or 170 to 264 VAC,47-450 Hz
Power ratings	3 and 7.5 W	10, 15, 25, and 50 W	30 and 50 W	30, 50 and 75 W
Output voltage/current	5 V: 0.6 A, 1.5 A; 12 V: 0.25 A, 0.6 A; 15 V: 0.3 A, 0.5 A; 24 V: 0.13 A, 0.3 A; ±12: +0.3/-0.2 A; ±15: +0.2/-0.2 A	5 V: 2 A, 3 A, 5 A, 10 A 12 V: 1 A, 1.3 A, 2.1 A. 4.2 A 15 V: 0.7 A, 1 A, 1.7 A, 3 A 24 V: 0.5 A, 0.7 A, 1.1 A, 2.2 A	V_1 = 5 V: 3 A, 5 A; V_2 = 12 V: 1.2 A, 1.5 A; 15 V: 1 A, 1.2 A; V_3 = 12 V: 0.3 A, 0.5 A; 15 V: 0.3 A, 0.5 A	Independent control 5 V_1: 2 A, 3 A, 5 A; 12 V_2: 2 A, 3 A; 24 V_2: 1 A, 2 A; Secondary Auxilliary Control 12 V_1: 1.7 A; 12 V_2: 0.8 A; 15 V_1: 1 A; 15 V_2: 1 A; 12 V_1: 3 A; 12 V_2: 1.2 A; 15 V_1: 1.7 A; 15 V_2: 1.7 A
Approvals	UL508, CSA	UL, CSA	UL, CSA	UL508 listed, CSA, VDE, CE

For more information on these products, see the data sheets at Omron's Knowledge Center on our website: www.knowledge.omron.com

Additional Power Supplies

		
	S82G	**S82V**
Product type	Enclosed frame, Industrial grade	Plastic housed, DIN rail mount
Output	Single output	Single output
Dimensions mm (in)	110 H x 45 W x 170 D (4.33 x 1.77 x 6.69); 110 H x 50 W x 190 D (4.33 x 1.97 x 7.48) 110 H x 60 W x 200 D (4.33 x 2.36 x 7.87) 120 H x 100 W x 230 D (4.72 x 3.94 x 9.06)	130 H x 75 W x 65 D (5.12 x 2.95 x 2.56)
Input voltage	85 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable)	85 to 132 VAC/170 to 264 VAC, 47-450 Hz (selectable)
Power ratings	30, 60, 100, and 150 W	30 and 50 W
Output voltage/current	5 V: 6 A, 12 A, 20 A, 30 A; 12 V: 2.5 A, 5 A, 9 A, 13.5 A; 15 V: 2 A, 4 A, 7.2 A, 10.8 A; 24 V: 1.3 A, 2.5 A, 4.6 A, 7 A	24 V: 1.3 A, 2.1 A
Approvals	UL, CSA, VDE	UL508, CSA, VDE

For more information on these products, see the data sheets at Omron's Knowledge Center on our website: www.knowledge.omron.com