

30 Watt Encapsulated Switchers — SCP Series



The most significant features of the Solahd AC/DC switching power supplies is their small size, rugged design and their DIN rail mounting capabilities. Solahd SCP switchers are ultra-compact, globally designed supplies with AC (and DC optional) wide-range input for true worldwide use. They are the ideal power supplies used in industrial systems, monitoring equipment, and instruments for worldwide markets. All models can be converted to chassis mount at installation.

- ▶ 85-264 VAC/100-375 VDC Universal Input
- ▶ DIN Rail or Chassis Mount for Easy Installation
- ▶ Global Specifications, Including CE
- ▶ Rugged, Encapsulated Design to Resist Environment
- ▶ IP20 Protection
- ▶ Five-Year Warranty
- ▶ cULus to UL/CSA 60950-1 2nd Edition
- ▶ CE LV (IEC/EN 60950-1 2nd Edition) and EMC Directives
- ▶ Dimensions — Inches (H × W × D): 4.72 × 2.55 × 1.29



Encapsulated, Industrial DC to DC Converter — SCD Series



These DC to DC converters are compact, rugged power supplies designed to power industrial control instrumentation devices and equipment where AC power is not convenient or accessible. With high reliability and wide input range, these units can operate through the most difficult factory-floor conditions around the globe. "User friendly" applies to these unique power supplies that feature easy-to-install DIN rail and chassis mounting. Terminations are also easy to access (AC and DC terminations are well separated) and simple to wire. Encapsulated design meets IP20 specifications for use in harsh environments.

Features

- ▶ DIN Rail or Chassis Mount (By Removing the DIN Clip)
- ▶ Rugged, Encapsulated Design to Resist Environment
- ▶ IP20 Protection
- ▶ Wide 20 VDC to 72 VDC Input Range
- ▶ Five-Year Warranty

Standards

- ▶ cULus to UL/CSA 60950-1 2nd Edition
- ▶ cULus to UL508 and CSA C22.2 No. 107.1
- ▶ CE LC (IEC/EN 60950-1 2nd Edition) and EMC Directives

Applications

- ▶ Industrial — Encoders, Special Sensors, Communications and Instrumentation
- ▶ Telecommunication Systems
- ▶ Remote Site/Harsh Environment



Stock No.	Mfr.'s Type	Output Voltage						Min. Load V1 A	Efficiency %	EACH
		V1		V2		V3				
		VDC	A	VDC	A	VDC	A			
70211353	SCP30S3.3-DN	3.3	6.0	—	—	—	—	0.00	≥62	160.65
70211355	SCP30S5-DN	5.0	6.0	—	—	—	—	0.00	≥70	155.67
70211357	SCP30S12-DN	12.0	2.5	—	—	—	—	0.00	≥75	154.42
70211358	SCP30S15-DN	15.0	2.0	—	—	—	—	0.00	≥75	154.42
70211359	SCP30S24-DN	24.0	1.3	—	—	—	—	0.00	≥77	154.42
70211360	SCP30S48-DN	48.0	0.6	—	—	—	—	0.00	≥77	154.42
70211362	SCP30D12-DN	12.0	1.2	-12	1.2	—	—	0.12	≥68	174.18
70211361	SCP30D15-DN	15.0	1.0	-15	1.0	—	—	0.12	≥68	174.18
70211364	SCP30D512-DN	5.0	3.0	12	1.2	—	—	0.30	≥68	179.14
70211366	SCP30D524-DN	5.0	3.0	24	0.6	—	—	0.30	≥68	179.14
70211368	SCP30T512-DN	5.0	3.0	-12	0.6	12	0.6	0.30	≥68	189.04
70211370	SCP30T515-DN	5.0	3.0	-15	0.5	15	0.5	0.30	≥68	189.04

Stock No.	Mfr.'s Type	Output V1		Output V2		Min. Load V1 (Amps)	EACH
		VDC	Amps	VDC	Amps		
70211563	SCD30S5-DN	5	5.0	—	—	0.00	201.48
70211564	SCD30S12-DN	12	2.5	—	—	0.00	201.48
70211565	SCD30S15-DN	15	2.0	—	—	0.00	201.48
70211566	SCD30S24-DN	24	1.3	—	—	0.00	201.48
70211567	SCD30S48-DN	48	0.6	—	—	0.00	209.90
70211568	SCD30D15-DN	15	0.8	-15	0.8	0.15	217.09

Single and Multiple Output Industrial Power Supplies — GL Series

The GL Series covers power ratings from 25 to 500 watts providing a broader range of AC/DC power supply solutions for use in various industrial and medical applications. These compact and low profile switchers offer universal input voltages with no switches or jumpers. They are for higher volume worldwide applications requiring very high reliability and standard footprint size. Additional voltages are available — Contact your local Allied sales representative.

- ▶ Industry Standard Footprints
- ▶ Automatic Overvoltage Protection
- ▶ Medical Approvals — Units with M Suffix
- ▶ Universal Input
- ▶ Overload Protection
- ▶ Two-Year Limited Warranty
- ▶ High Demonstrate MTBF
- ▶ EN61000-3-2 Compliance



Single Output

Stock No.	Mfr.'s Type	Input Voltage (VAC)	Watts	Output 1		Output 2		Output 3		Output 4		Output 5		Configuration	Dimensions L × W × H (Inches)	EACH	
				VDC	Amps**	VDC	Amps**	VDC	Amps**	VDC	Amps**	VDC	Amps**			1-4	5-9
70211392	GLS22	85-264	25	5	5.0 (8.0)	—	—	—	—	—	—	—	—	Open Frame	5.00 × 3.00 × 1.14	63.77	62.83
70211399	GLS42	85-264	40	5	8.0 (11.0)	—	—	—	—	—	—	—	—	Open Frame	5.00 × 3.00 × 1.14	69.85	68.81
70211400	GLS43	85-264	40	12	3.3 (4.5)	—	—	—	—	—	—	—	—	Open Frame	5.00 × 3.00 × 1.14	69.85	68.81
70211459	GLS253-C*	85-264	250	12 (6-12)	(21.0)	—	—	—	—	—	—	—	—	Enclosed	5.00 × 9.00 × 2.00	464.65	457.71
70211463	GLS352-C*	85-264	350	5 (3-6)	(70.0)	—	—	—	—	—	—	—	—	Enclosed	5.00 × 9.00 × 2.50	634.72	625.26
70211432	GLS64	85-264	60	15	4.0 (5.3)	—	—	—	—	—	—	—	—	Open Frame	5.00 × 3.00 × 1.69	90.71	89.36
70211428	GLS55	90-264	60	24	2.5 (10.4)	—	—	—	—	—	—	—	—	Open Frame	2.00 × 4.00 × 1.30	74.86	73.75
70211460	GLS255-C*	85-264	250	24	—	—	—	—	—	—	—	—	—	Enclosed	5.00 × 9.00 × 2.00	464.65	457.71

Triple Output

70211437	GLT64	85-264	60	5	7.0 (8.0)	12	3.0 (3.5)	-5	0.7 (1.0)	—	—	—	—	Open Frame	5.00 × 3.00 × 1.69	96.96	95.52
70211395	GLT22	85-264	25	5	3.0 (4.0)	12	1.5 (2.0)	-12	0.5 (0.7)	—	—	—	—	Open Frame	5.00 × 3.00 × 1.14	60.72	59.81
70211403	GLT42	85-264	40	5	4.0 (5.0)	12	2.0 (2.5)	-12	0.5 (0.7)	—	—	—	—	Open Frame	5.00 × 3.00 × 1.14	63.77	62.83
70211404	GLT43	85-264	40	5	6.0 (8.0)	12	0.5 (0.7)	-12	0.5 (0.7)	—	—	—	—	Open Frame	5.00 × 3.00 × 1.14	72.88	71.80
70211435	GLT62	85-264	60	5	7.0 (8.0)	12	3.0 (3.5)	-12	0.7 (1.0)	—	—	—	—	Open Frame	5.00 × 3.00 × 1.69	83.50	82.26
70211406	GLT45	85-264	40	5	4.0 (5.0)	15	2.0 (2.5)	-15	0.5 (0.7)	—	—	—	—	Open Frame	5.00 × 3.00 × 1.14	72.88	71.80
70211436	GLT63	85-264	60	5	7.0 (8.0)	15	2.8 (3.3)	-15	0.7 (1.0)	—	—	—	—	Open Frame	5.00 × 3.00 × 1.69	96.96	95.52
70211439	GLT65	85-264	60	5	7.0 (8.0)	24	1.5 (2.0)	12	0.7 (1.0)	—	—	—	—	Open Frame	5.00 × 3.00 × 1.69	96.96	95.52

Four Output

70211444	GLQ114	85-264	110	5	9.0 (11.0)	12	4.5 (5.0)	-12	0.7 (1.0)	24	3.5 (4.5)	—	—	Open Frame	4.00 × 7.00 × 1.80	203.33	200.29
70211454	GLQ154	85-132/170-264	150	5	15.0 (22.0)	12	6.0 (8.0)	-12	2.0 (2.5)	24	3.5 (4.5)	—	—	Open Frame	4.25 × 8.50 × 1.50	322.19	317.37

Five Output

70211448	GLQ142	85-264	145	5 (3.3-5)	12.0 (25.0)	12	5.0 (6.0)	-12 (-12-15)	1.0 (1.5)	3.3-25	1.5 (4.5)	-3.3-25	1.5 (4.5)	Open Frame	4.00 × 7.00 × 1.50	315.85	311.14
70211461	GLQ252-C*	85-264	250	5	(35.0)	12	(10.0)	-12	(6.0)	5-25	(6.0)	-5-25	(6.0)	Enclosed	5.00 × 9.00 × 2.00	461.18	447.81
70211469	GLQ352-CEF†	85-264	350	5	(50.0)	12	(12.0)	-12	(6.0)	3.3-24	(6.0)	-3.3-24	(6.0)	Enclosed	10.78 × 5.00 × 2.50	750.14	738.94
70211443	GLQ113	85-264	110	5	9.0 (11.0)	15	4.5 (5.0)	-15	0.7 (1.0)	5-25	2.5 (3.0)	-5-25	2.5 (3.0)	Open Frame	4.00 × 7.00 × 1.80	203.33	200.29
70211453	GLQ153	85-132/170-264	150	5	15.0 (22.0)	15	4.8 (6.4)	-15	1.6 (2.0)	5-25	2.5 (3.0)	-5-25	2.5 (3.0)	Open Frame	4.25 × 8.50 × 1.50	306.84	302.27
70211462	GLQ253-C*	85-264	250	5	(35.0)	15	(10.0)	-15	(6.0)	5-25	(6.0)	-5-25	(6.0)	Enclosed	5.00 × 9.00 × 2.00	494.25	486.87

*With Cover. **Current rating at 30 cfm of forced air is indicated between parentheses. †Cover with End Fan. ‡Cover with Top Fan. *Industrial operating temperature range — -40°C to 80°C.