



**SUNPOWER TECHNOLOGY CORP.**  
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# SDL-065AQ1

65~75W, Quad Output

# SDL-075BQ1

DC-DC Industrial Power Supply

# SDL-075CQ1



127 x 80 x 50mm

5.00 x 3.15 x 1.97inch

### Features:

- Light weight, compact size
- High efficiency, high reliability
- 2:1 input range
- Soft start function, low inrush current
- Input over voltage and under voltage protection
- Input polarity reverse protection
- Over load, over voltage, short circle shutdown protection
- 100% 50 burn-in test
- Meet UL, cUL, TUV, CE standard
- 1 years warranty

### Specification:

	Model	SDL-065AQ1				SDL-075BQ1				SDL-075-CQ1			
		V1	V2	V3	V4	V1	V2	V3	V4	V1	V2	V3	V4
OUTPUT	Voltage	+5 V	+12 V	-12 V	-5 V	+5 V	+12 V	-12 V	-5 V	+5 V	+12 V	-12 V	-5 V
	Min. Load	0.5 A	0.1 A	0 A	0 A	0.5 A	0.1 A	0 A	0 A	0.5 A	0.1 A	0 A	0 A
	Max. Load	7 A	2 A	0.5 A	0.3 A	8 A	2.5 A	0.5 A	0.5 A	8 A	2.5 A	0.5 A	0.5 A
	Regulation	3%	5%	5%	5%	3%	5%	5%	5%	3%	5%	5%	5%
	Ripple Noise (max)	70mV	120mV	150mV	100mV	70mV	120mV	150mV	100mV	70mV	120mV	150mV	100mV
	Efficiency (typ)	70%				73%				73%			
	MAX OUTPUT	65W				75W				75W			
INPUT	Voltage	9.5V --- 18V DC (TYPICAL 12 V)				18V --- 36V DC (TYPICAL 24 V)				36V --- 72V DC (TYPICAL 48 V)			
	Current	<10 A@9.5V DC				<5.9 A@18V DC				<3.0 A@36V DC			
PROTECTION	Input Protection	Fuse, 10 A / 250 V				Ceremetic fuse, 8 A / 250 V				Ceremetic fuse, 3.5 A / 250 V			
	Over Load Protection	Over 105% ~ 180%				Over 115% ~ 180%				Over 115% ~ 180%			
	Over Voltage Protection	The power supply will be shutdown.											
OTHERS	Rise time	<20mS											
	Temperature	SDL-065AQ1 : Operating: 0~70 ; Derating: 40 ~70 : 2.5%/ ; Storage: -10~+75 SDL-075BQ1 & SDL-075CQ1: Operating: 0~70 ; Derating: 45 ~70 : 2.0%/ ; Storage: -20~+85											
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)											
M.T.B.F.	310K hours				290K hours				290K hours				
SAFETY	Meet UL 60950 3 <sup>rd</sup> , CSA C22.2 No.60950 3 <sup>rd</sup> , TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 standard												
	EMC	FCC CFR 47 PART 15 CLASS B, EN 61000-6-3 standard , CNS 13438 CALSS B											
PACKING	EMI	EN 61000-6-1 (2001) standard											
	EMS	N.W.: 0.38Kg / 1pc; 30pcs / 2.03Cuff <sup>3</sup> / 1CTN											



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Dimension:

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