

5W DC-DC Regulated Single and Dual Output



2"x 1"x 0.44"

- 2:1 wide input range
- 1000VDC I/O isolation
- 3000VDC I/O isolation (option)
- Input Pi network filter
- Protection: Short circuit / Over load
- Cooling by free air convection
- Six-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 1 year warranty

Mechanism	Pin configuration																				
Unit: mm (inch)																					
15.3 20.3 15.2 11.27 12.5 10.2 5.1 10.2 2.5 6.3 ○ 1 ○ 3 ○ 4 ○ 5 ○ 2 BOTTOM VIEW	<table><tr><th rowspan="2">Pin no.</th><th colspan="2">Output</th></tr><tr><th>Single</th><th>Dual</th></tr><tr><td>1</td><td>+Vin</td><td>+Vin</td></tr><tr><td>2</td><td>-Vin</td><td>-Vin</td></tr><tr><td>3</td><td>+Vout</td><td>+Vout</td></tr><tr><td>4</td><td>No Pin</td><td>COM</td></tr><tr><td>5</td><td>-Vout</td><td>-Vout</td></tr></table>	Pin no.	Output		Single	Dual	1	+Vin	+Vin	2	-Vin	-Vin	3	+Vout	+Vout	4	No Pin	COM	5	-Vout	-Vout
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	Single	Dual																			
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2	-Vin	-Vin																			
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[Http://www.100y.com.tw](http://www.100y.com.tw)

Voltage set point accuracy $\pm 2\%$ (max.)

Line regulation $\pm 0.2\%$ (max.)

Load regulation $\pm 0.5\%$ (max.)@20~100% load

Efficiency 76% (typical)

Short circuit protection continuous, auto-recovery

Over load protections 150~250%, auto-recovery

I/O isolation voltage 1000VDC (min.)

I/O isolation resistance $100M\Omega$ (min.)@ 500VDC

Working temperature -25°C to $+60^{\circ}\text{C}$ (no derating), $+71^{\circ}\text{C}$ @80% load

Storage temperature -25°C to $+105^{\circ}\text{C}$

Temp. Coefficient $\pm 0.03\%$ / $^{\circ}\text{C}$ (max.)

EMI / RFI Six-sided shield metal case

✧Single output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
30501	SLW05A-05	9~18	5	1000	50
30502	SLW05A-09	9~18	9	556	60
30503	SLW05A-12	9~18	12	417	60
30504	SLW05A-15	9~18	15	333	60
30505	SLW05B-05	18~36	5	1000	50
30506	SLW05B-09	18~36	9	556	60
30507	SLW05B-12	18~36	12	417	60
30508	SLW05B-15	18~36	15	333	60
30509	SLW05C-05	36~72	5	1000	50
30510	SLW05C-09	36~72	9	556	60
30511	SLW05C-12	36~72	12	417	60
30512	SLW05C-15	36~72	15	333	60

✧Dual output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
30521	DLW05A-05	9~18	± 5	± 500	50
30522	DLW05A-12	9~18	± 12	± 208	60
30523	DLW05A-15	9~18	± 15	± 167	60
30524	DLW05B-05	18~36	± 5	± 500	50
30525	DLW05B-12	18~36	± 12	± 208	60
30526	DLW05B-15	18~36	± 15	± 167	60
30527	DLW05C-05	36~72	± 5	± 500	50
30528	DLW05C-12	36~72	± 12	± 208	60
30529	DLW05C-15	36~72	± 15	± 167	60