

5~6W DC-DC Regulated Single and Dual Output



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

Mechanism		Pin configuration																								
		<table border="1"> <thead> <tr> <th rowspan="2">Pin no.</th> <th colspan="2">Output</th> </tr> <tr> <th>Single</th> <th>Dual</th> </tr> </thead> <tbody> <tr> <td>2 & 3</td> <td>-Vin</td> <td>-Vin</td> </tr> <tr> <td>9</td> <td>N.C.</td> <td>COM</td> </tr> <tr> <td>11</td> <td>N.C.</td> <td>-Vout</td> </tr> <tr> <td>14</td> <td>+Vout</td> <td>+Vout</td> </tr> <tr> <td>16</td> <td>-Vout</td> <td>COM</td> </tr> <tr> <td>22 & 23</td> <td>+Vin</td> <td>+Vin</td> </tr> </tbody> </table>		Pin no.	Output		Single	Dual	2 & 3	-Vin	-Vin	9	N.C.	COM	11	N.C.	-Vout	14	+Vout	+Vout	16	-Vout	COM	22 & 23	+Vin	+Vin
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- Voltage set point accuracy $\pm 2\%$ (max.)
 Line regulation $\pm 0.5\%$ (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
 Isolation capacitance 80pF (max.)
 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.)
 Case material Five-sided shield metal case

✦ Single output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
30541	SCW05A-05	9~18	5	1000	50
30542	SCW05A-09	9~18	9	556	60
30543	SCW05A-12	9~18	12	470	60
30544	SCW05A-15	9~18	15	400	60
30545	SCW05B-05	18~36	5	1000	50
30546	SCW05B-09	18~36	9	556	60
30547	SCW05B-12	18~36	12	470	60
30548	SCW05B-15	18~36	15	400	60
30549	SCW05C-05	36~72	5	1000	50
30550	SCW05C-09	36~72	9	556	60
30551	SCW05C-12	36~72	12	470	60
30552	SCW05C-15	36~72	15	400	60

✦ Dual output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
30561	DCW05A-05	9~18	± 5	± 500	50
30562	DCW05A-12	9~18	± 12	± 230	60
30563	DCW05A-15	9~18	± 15	± 190	60
30564	DCW05B-05	18~36	± 5	± 500	50
30565	DCW05B-12	18~36	± 12	± 230	60
30566	DCW05B-15	18~36	± 15	± 190	60
30567	DCW05C-05	36~72	± 5	± 500	50
30568	DCW05C-12	36~72	± 12	± 230	60
30569	DCW05C-15	36~72	± 15	± 190	60