

8W DC-DC Regulated Single and Dual Output



1.25"x 0.8"x 0.48"

- 2:1 wide input range
- 1000VDC I/O isolation
- Input Pi network filter
- Protection: Short circuit / Overload
- 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.)@10~100% load
- Efficiency ... 76% (typical)
- Short circuit protection ... Continuous, auto-recovery
- Overload protections ... 110~180%, auto-recovery
- I/O isolation voltage ... 1000VDC (min.)
- I/O isolation resistance ... $100M\Omega$ (min.)@ 500VDC
- Isolation capacitance ... 250pF (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)
30621	SCW08A-05	9~18	5	1600	50
30622	SCW08A-12	9~18	12	670	60
30623	SCW08A-15	9~18	15	533	60
30624	SCW08B-05	18~36	5	1600	50
30625	SCW08B-12	18~36	12	670	60
30626	SCW08B-15	18~36	15	533	60
30627	SCW08C-05	36~72	5	1600	50
30628	SCW08C-12	36~72	12	670	60
30629	SCW08C-15	36~72	15	533	60

❖Dual output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
30631	DCW08A-05	9~18	± 5	± 800	50
30632	DCW08A-12	9~18	± 12	± 335	60
30633	DCW08A-15	9~18	± 15	± 267	60
30634	DCW08B-05	18~36	± 5	± 800	50
30635	DCW08B-12	18~36	± 12	± 335	60
30636	DCW08B-15	18~36	± 15	± 267	60
30637	DCW08C-05	36~72	± 5	± 800	50
30638	DCW08C-12	36~72	± 12	± 335	60
30639	DCW08C-15	36~72	± 15	± 267	60