

8W DC-DC Regulated Single and Dual Output



- 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																							
Unit: mm (inch) 20.3(0.80) 4.6(0.18) 0.5 DIA. (0.02) 3.8(0.15) 2.54(0.1) 5.08(0.2) 17.8(0.70) 31.8(1.25) 12.2(0.48) BOTTOM VIEW o23 2o 3o o22 o16 9o o14 11o 15.2(0.60)	<table><tr><th rowspan="2">Pin no.</th><th colspan="2">Output</th></tr><tr><th>Single</th><th>Dual</th></tr><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></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°C (no derating), +71°C@80% load
 Storage temperature -25°C to +105°C
 Temp. Coefficient $\pm 0.03\%$ / °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