

10W DC-DC 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 10.2 5.1 10.1 10.2 10.2 2.5 2.5 4.0 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 $\pm 0.3\%$ (max.)

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

Efficiency 76% (typical)

Short circuit protection continuous, auto-recovery

Over load protections 160~250%, 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)
30081	SKE10A-05	9~18	5	2000	50
30082	SKE10A-12	9~18	12	840	60
30083	SKE10A-15	9~18	15	666	60
30084	SKE10A-24	9~18	24	420	80
30085	SKE10B-05	18~36	5	2000	50
30086	SKE10B-12	18~36	12	840	60
30087	SKE10B-15	18~36	15	666	60
30088	SKE10B-24	18~36	24	420	80
30089	SKE10C-05	36~72	5	2000	50
30090	SKE10C-12	36~72	12	840	60
30091	SKE10C-15	36~72	15	666	60
30092	SKE10C-24	36~72	24	420	80

❖Dual output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
30101	DKE10A-05	9~18	± 5	± 1000	50
30102	DKE10A-12	9~18	± 12	± 420	60
30103	DKE10A-15	9~18	± 15	± 333	60
30104	DKE10A-24	9~18	± 24	± 210	80
30105	DKE10B-05	18~36	± 5	± 1000	50
30106	DKE10B-12	18~36	± 12	± 420	60
30107	DKE10B-15	18~36	± 15	± 333	60
30108	DKE10B-24	18~36	± 24	± 210	80
30109	DKE10C-05	36~72	± 5	± 1000	50
30110	DKE10C-12	36~72	± 12	± 420	60
30111	DKE10C-15	36~72	± 15	± 333	60
30112	DKE10C-24	36~72	± 24	± 210	80