

25~30W DC-DC Dual and Triple Output



2"x 2"x 0.82"

- 2:1 wide input range
- 4:1 wide input range
- 1000VDC I/O isolation
- Input Pi network filter
- Protection: Short circuit / Overload
- 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																														
<p>Unit: mm (inch)</p>		<table border="1"> <thead> <tr> <th rowspan="2">Pin No.</th> <th colspan="2">Output</th> </tr> <tr> <th>Dual</th> <th>Triple</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R.C</td> <td>R.C</td> </tr> <tr> <td>2</td> <td>No Pin</td> <td>No Pin</td> </tr> <tr> <td>3</td> <td>-Vin</td> <td>-Vin</td> </tr> <tr> <td>4</td> <td>+Vin</td> <td>+Vin</td> </tr> <tr> <td>5</td> <td>+Vout</td> <td>+Vout</td> </tr> <tr> <td>6</td> <td>COMMON</td> <td>+5V</td> </tr> <tr> <td>7</td> <td>-Vout</td> <td>COMMON</td> </tr> <tr> <td>8</td> <td>TRIM</td> <td>-Vout</td> </tr> </tbody> </table>		Pin No.	Output		Dual	Triple	1	R.C	R.C	2	No Pin	No Pin	3	-Vin	-Vin	4	+Vin	+Vin	5	+Vout	+Vout	6	COMMON	+5V	7	-Vout	COMMON	8	TRIM	-Vout
Pin No.	Output																															
	Dual	Triple																														
1	R.C	R.C																														
2	No Pin	No Pin																														
3	-Vin	-Vin																														
4	+Vin	+Vin																														
5	+Vout	+Vout																														
6	COMMON	+5V																														
7	-Vout	COMMON																														
8	TRIM	-Vout																														

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

Line regulation $\pm 0.5\%$ (max.)

Load regulation $\pm 0.5\%$ (10%~full load)(Dual)
 $\pm 5\%$ (10%~full load)(Triple)

Efficiency 80% @ full load, nominal I/P

Short circuit protection continuous, auto-recovery

Over current protections 110~250%, auto-recovery

I/O isolation voltage 1000VDC (min.)

I/O isolation resistance 100M Ω (min.)@ 500VDC

Working temperature -25°C to +71°C (no derating), +85°C@60% load

Storage temperature -40°C to +105°C

Temp. Coefficient $\pm 0.03\%$ / °C (max.)

Case material Six-sided shield metal case

⇨ Dual output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
30161	DKA30A-05	9~18	± 5	± 2500	100
30162	DKA30A-12	9~18	± 12	± 1250	100
30163	DKA30A-15	9~18	± 15	± 1000	100
30164	DKA30B-05	18~36	± 5	± 2500	100
30165	DKA30B-12	18~36	± 12	± 1250	100
30166	DKA30B-15	18~36	± 15	± 1000	100
30167	DKA30C-05	36~72	± 5	± 2500	100
30168	DKA30C-12	36~72	± 12	± 1250	100
30169	DKA30C-15	36~72	± 15	± 1000	100

⇨ Triple output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
30191	TKA30A-B	9~18	+5 / ± 12	3500 / ± 310	100
30192	TKA30A-C	9~18	+5 / ± 15	3500 / ± 250	100
30193	TKA30B-B	18~36	+5 / ± 12	3500 / ± 310	100
30194	TKA30B-C	18~36	+5 / ± 15	3500 / ± 250	100
30195	TKA30C-B	36~72	+5 / ± 12	3500 / ± 310	100
30196	TKA30C-C	36~72	+5 / ± 15	3500 / ± 250	100