

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 / 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																														
<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	... ±2% (max.)
Line regulation ±0.5% (max.)
Load regulation ±0.5% (10%~full load)(Dual) ±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 100MΩ (min.)@ 500VDC
Working temperature -25°C to +71°C (no derating), +85°C@60% load
Storage temperature -40°C to +105°C
Temp. Coefficient ±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)
30181	TKA30A-B	9~18	+5 / ±12	3500 / ±310	100
30182	TKA30A-C	9~18	+5 / ±15	3500 / ±250	100
30183	TKA30B-B	18~36	+5 / ±12	3500 / ±310	100
30184	TKA30B-C	18~36	+5 / ±15	3500 / ±250	100
30185	TKA30C-B	36~72	+5 / ±12	3500 / ±310	100
30186	TKA30C-C	36~72	+5 / ±15	3500 / ±250	100