

25~30W DC-DC Dual and Triple Output

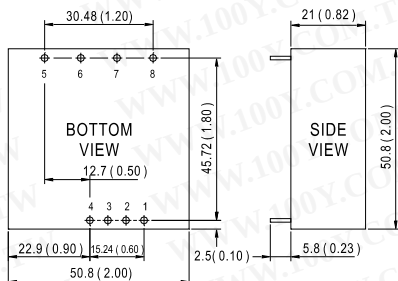


- 2:1 wide input range
- 4:1 wide input range
- 1000VDC I/O isolation
- Input Pi network filter
- Protection: Short circuit / Over load
- Cooling by free air convection
- Five-sided shield metal case
- 100% full load burn-in test
- Low cost, high reliability
- 1 year warranty

Mechanism

Pin configuration

Unit: mm (inch)



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 $100M\Omega$ (min.)@ 500VDC

Working temperature -25°C to $+71^{\circ}\text{C}$ (no derating), $+85^{\circ}\text{C}$ @60% load

Storage temperature..... -40°C to $+105^{\circ}\text{C}$

Temp. Coefficient $\pm 0.03\%$ / $^{\circ}\text{C}$ (max.)

Case material Six-sided shield metal case

❖Dual output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
30541	DKA30A-05	9~18	± 5	± 2500	100
30542	DKA30A-12	9~18	± 12	± 1250	100
30543	DKA30A-15	9~18	± 15	± 1000	100
30544	DKA30B-05	18~36	± 5	± 2500	100
30545	DKA30B-12	18~36	± 12	± 1250	100
30546	DKA30B-15	18~36	± 15	± 1000	100
30547	DKA30C-05	36~72	± 5	± 2500	100
30548	DKA30C-12	36~72	± 12	± 1250	100
30549	DKA30C-15	36~72	± 15	± 1000	100

❖Triple output

Stock No.	Model No.	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)
30561	TKA30A-B	9~18	$+5 / \pm 12$	$3500 / \pm 310$	100
30562	TKA30A-C	9~18	$+5 / \pm 15$	$3500 / \pm 250$	100
30563	TKA30B-B	18~36	$+5 / \pm 12$	$3500 / \pm 310$	100
30564	TKA30B-C	18~36	$+5 / \pm 15$	$3500 / \pm 250$	100
30565	TKA30C-B	36~72	$+5 / \pm 12$	$3500 / \pm 310$	100
30566	TKA30C-C	36~72	$+5 / \pm 15$	$3500 / \pm 250$	100

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