

Regulated DC/DC Converter 25Watt
2:1 Input Range **KW25 Series**

FEATURES: ● Input/Output Isolation ● Efficiency up to 86% @ FL ● Switching Frequency - 100KHz Min. ● Short Circuit Protection		● Six Sided Shielding ● Compact Size ● Single, Dual, Triple Outputs ● Epoxy Encapsulated
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- Six Sided Shielding
- Compact Size
- Single, Dual, Triple Outputs
- Epoxy Encapsulated

SPECIFICATIONS

INPUT	GENERAL
Voltage Range	Efficiency Up to 86% @ FL
12Vdc Input: 9-18Vdc	Isolation Voltage: 500 Vdc Min.
24Vdc Input: 18-36Vdc	(Up to 3000 Vdc Min. Optional)
48Vdc Input: 36-72Vdc	Isolation Resistance: 100 Mohms
	Switching Frequency: 100KHz Min.

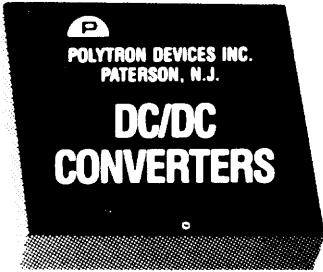
GENERAL

Efficiency Up to 86% @ FL
Isolation Voltage: 500 Vdc Min.
(Up to 3000 Vdc Min. Optional)
Isolation Resistance: 100 Mohms
Switching Frequency: 100KHz Min.

ENVIRONMENTAL

Operating Temperature Range: -25°C to +71°C
Storage Temperature Range: -50°C to +105°C
Temperature Coefficient: 0.02%/°C Max
Cooling: Free air convection
EMI/RFI: Five-sided shield Typical a 25
Six-sided shield (optional) voltage unles

EMI/RFI: Five-sided shield
Six-sided shield (optional)

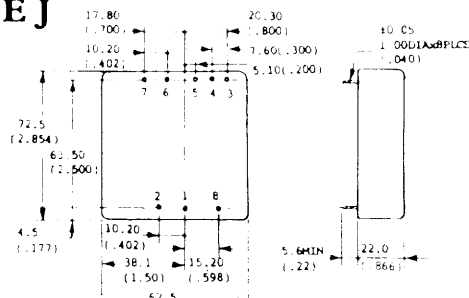


25W DC/DC CONVERTER

	INPUT VOLTAGE	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (mA)	MODEL NO.	CASE	PRICE 1-9 QTY.
SINGLE OUTPUT	12 VDC (9-18)	5	5000	KW25-12S5	J	\$99.00
		12	2100	KW25-12S12	J	\$99.00
		15	1700	KW25-12S15	J	\$99.00
	24 VDC (18-36)	5	5000	KW25-24S5	J	\$99.00
		12	2100	KW25-24S12	J	\$99.00
		15	1700	KW25-24S15	J	\$99.00
	48 VDC (36-72)	5	5000	KW25-48S5	J	\$99.00
		12	2100	KW25-48S12	J	\$99.00
		15	1700	KW25-48S15	J	\$99.00
DUAL OUTPUT	12 VDC (9-18)	± 5	± 2500	KW25-12-5	J	\$109.00
		± 12	± 1250	KW30-12-12	J	\$112.00
		± 15	± 1000	KW30-12-15	J	\$112.00
	24 VDC (18-36)	± 5	± 2500	KW25-24-5	J	\$109.00
		± 12	± 1250	KW30-24-12	J	\$112.00
		± 15	± 1000	KW30-24-15	J	\$112.00
	48 VDC (36-72)	± 5	± 2500	KW25-48-5	J	\$109.00
		± 12	± 1250	KW30-48-12	J	\$112.00
		± 15	± 1000	KW30-48-15	J	\$112.00
TRIPLE OUTPUT	12 VDC (9-18)	$5 / \pm 12$	$4000 / \pm 250$	KW25-12S5-12	J	\$120.00
		$5 / \pm 15$	$3500 / \pm 300$	KW25-12S5-15	J	\$120.00
		$12 / + 5 / - 5$	$300 / + 4000 / - 300$	KW25-12S12-5	J	\$120.00
	24 VDC (18-36)	$5 / \pm 12$	$4000 / \pm 250$	KW25-24S5-12	J	\$120.00
		$5 / \pm 15$	$3500 / \pm 300$	KW25-24S5-15	J	\$120.00
		$12 / + 5 / - 5$	$300 / + 4000 / - 300$	KW25-24S12-5	J	\$120.00
	48 VDC (36-72)	$5 / \pm 12$	$4000 / \pm 250$	KW25-48S5-12	J	\$120.00
		$5 / \pm 15$	$3500 / \pm 300$	KW25-48S5-15	J	\$120.00
		$12 / + 5 / - 5$	$300 / + 4000 / - 300$	KW25-48S12-5	J	\$120.00

Bottom View:
All Dimensions in mm (inches).

CASE J



Pin Connections			
Pin No.	Pin Function		
	Single	Dual	Triple*
1	+ Input	+ Input	+ Input
2	- Input	- Input	- Input
3	+ Sense/Trim Down	- Output V2	+ Output (V2)
4	Output Trim	Com2	Com2
5	- Sense/Trim Up	NC	Output (V3)
6	+ Output	+ Output V1	+ 5 Vdc
7	- Output	Com1	Com1
8	Remote On/Off	Remote On/Off	Remote On/Off

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	Single	Dual	Triple*
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4	Output Trim	Com2	Com2
5	- Sense/Trim Up	NC	Output (V3)
6	+ Output	+ Output V1	+ 5 Vdc
7	- Output	Com1	Com1
8	Remote On/Off	Remote On/Off	Remote On/Off

* For +5Vdc/12Vdc Triple Voltage Units
V2 = -5Vdc, V3 = +12Vdc