

TEN-30WIN Series

30 Watt DC/DC Converters

TRACOPOWER

Ultra-Wide 4:1 Input Range DC/DC Converters



FEATURES:

DIMENSIONS: 2.00 x 1.60 x 0.40"

- Smallest encapsulated 30 W converter
- 2" x 1" x 0.4" shielded metal package
- Ultra wide 4:1 input voltage range
- Single- dual- and triple output models
- Very high efficiency up to 89%
- Operating temperature range -40 °C to +75 °C
- I/O isolation 1500 VDC
- Short circuit protection
- Remote On/Off Adjustable output voltage
- 3 Year Warranty



INPUT SPECIFICATIONS:

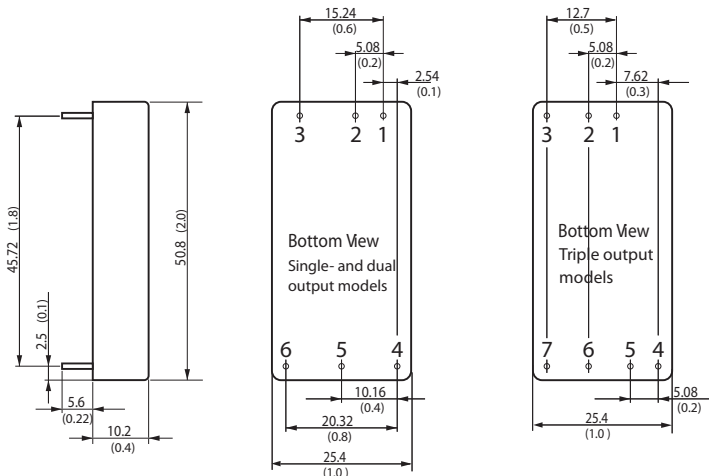
ISOLATION (I/O)	1500 VDC Input to Output
SETPOINT ACCURACY	±1%
TRIM RANGE	±10%
REGULATION	Line ±0.5% , Load ±0.5% Singles / 1% Duals
RIPPLE	Singles: <75 mV / Duals <100 mVpk-pk (20 MHz)
OVER CURRENT	150% of rated current max, Foldback
OVER VOLTAGE	120-140% of Nominal Voltage
SHORT CIRCUIT	Continuous, auto-recovery
TURN-ON TIME	ms max (DCVin Nominal, Io 100%)
OPERATING TEMPERATURE	-40 ~ +85°C (derating above 60°C)
STORAGE TEMPERATURE	-55 ~ +105°C
COOLING	Free air Convection
WEIGHT	31g / 1.1oz.

DOWNLOADS:

Download Copy of this specification:
<http://www.powergatellc.com/TEN30WIN.pdf>

Detailed Spec:
<http://www.tracopower.com/products/ten30win.pdf>

OUTLINE DRAWING:



Dimensions in [mm], () = Inch
 Pin diameter: 1.0 ±0.1 (0.04 ±0.004)
 Pin pitch tolerances: ±0.25 (±0.01)
 Case tolerances: ±0.5 (±0.02)

MODELS:

MODEL(S)	INPUT	OUTPUT(S):	EFFICIENCY:
TEN30-2407WIN	9-36VDC	1.5V 8.0A	
TEN30-2409WIN	9-36VDC	2.5V 8.0A	
TEN30-2410WIN	9-36VDC	3.3V 8.0A	
TEN30-2411WIN	9-36VDC	5V 6.0A	
TEN30-2412WIN	9-36VDC	12V 2.5A	
TEN30-2413WIN	9-36VDC	15V 2.0A	
TEN30-2421WIN	9-36VDC	+5V 3.0A	-5V 3.0A
TEN30-2422WIN	9-36VDC	+12V 1.25A	-12V 1.25A
TEN30-2423WIN	9-36VDC	+15V 1.0A	-15V 1.0A
TEN30-2433WIN	9-36VDC	3.3V 5.0A	±12V 0.42A
TEN30-2434WIN	9-36VDC	3.3V 5.0A	±15V 0.33A
TEN30-2431WIN	9-36VDC	5V 4.0A	±12V 0.42A
TEN30-2432WIN	9-36VDC	5V 4.0A	±15V 0.33A
TEN30-4807WIN	18-75VDC	1.5V 8.0A	
TEN30-4809WIN	18-75VDC	2.5V 8.0A	
TEN30-4810WIN	18-75VDC	3.3V 8.0A	
TEN30-4811WIN	18-75VDC	5V 6.0A	
TEN30-4812WIN	18-75VDC	12V 2.5A	
TEN30-4813WIN	18-75VDC	15V 2.0A	
TEN30-4821WIN	18-75VDC	+5V 3.0A	-5V 3.0A
TEN30-4822WIN	18-75VDC	+12V 1.25A	-12V 1.25A
TEN30-4823WIN	18-75VDC	+15V 1.0A	-15V 1.0A
TEN30-4833WIN	18-75VDC	3.3V 5.0A	±12V 0.42A
TEN30-4834WIN	18-75VDC	3.3V 5.0A	±15V 0.33A
TEN30-4831WIN	18-75VDC	5V 4.0A	±12V 0.42A
TEN30-4832WIN	18-75VDC	5V 4.0A	±15V 0.33A

Pin	Pin-Out		
	Single	Dual	Triple
1	+Vin (Vcc)	+Vin (Vcc)	+Vin (Vcc)
2	-Vin (GND)	-Vin (GND)	-Vin (GND)
3	Remote On/Off	Remote On/Off	Remote On/Off
4	Output 1	Output 1	Output 2
5	Common	Common	Output 3
6	Trim	Output 2	Common
7	No pin	No pin	Output 1