

TAIMAG

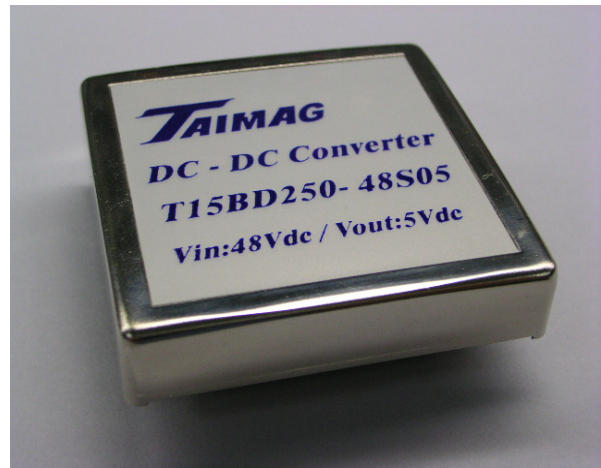
20 Watt / 2"×2"×0.45" DIL Package / 1500Vdc Isolation / 3.3V Output

FEATURES:

1. Low Cost, High Performance
2. Miniature DIL Package And 3.3V Output
3. 1500Vdc Input/Output Isolation
4. No External Components Required
5. Low Profile and Compact Size
6. On/Off Control And Vout Trim

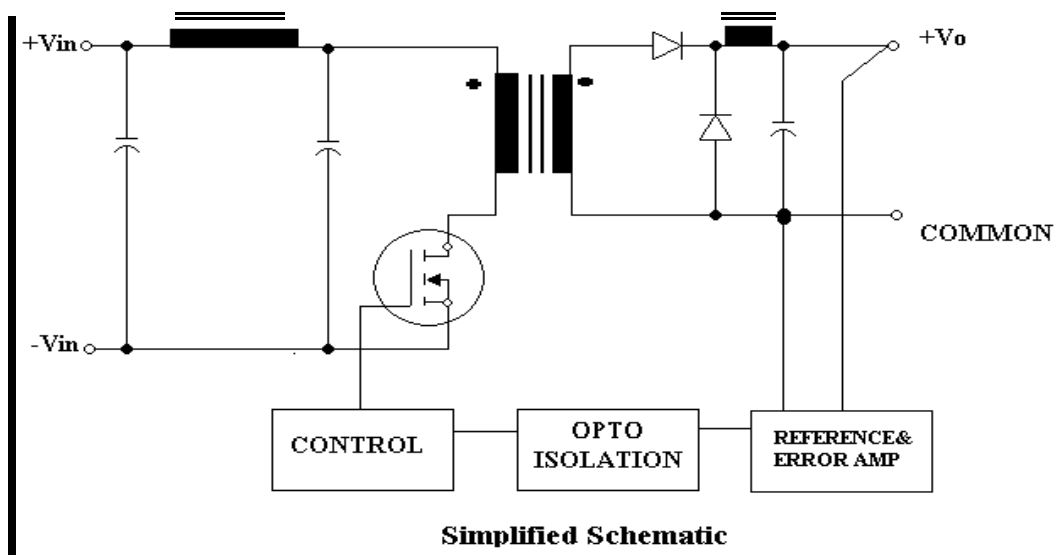
APPLICATIONS:

1. Telecommunications
2. Battery Powered Systems
3. Transportation Equipment
4. Portable Instruments
5. Distributed Power Systems



Specification At 25°C

Input Specifications:	General Specifications:
Input Voltage Range: See Table	Isolation Voltage:1500Vdc
Input Filter: PI Type	Efficiency: See Table
On/Off Control:TTL High=On , Low=Off	Switching Frequency: 160KHz typical
Output Specifications:	Isolation Resistance: 1000M ohm
Output Voltage & Current: See Table	Environmental Specifications:
Voltage Accuracy: ±2% max	Operating Temperature: -25 to +71°C
Output Voltage Balance(Dual Outputs): ±1%	Storage Temperature: -40 to +105°C
Line Regulation(at full load): ±1% max	Cooling: Free air convection
Load Regulation (at full load to 1/4 load):	Humidity Non-Condensing: 20 to 95% RH
Single Output:±1% max ,Dual Output:±2.5% max	Physical Specifications:
Temperature Coefficient: ± 0.05% / °C max	Case Material:Nickel-Coated Copper With Non-Conductive Base
Ripple & Noise(20MHz BW): 1% p-p max	Pin Material:Brass , Solder Coated
3.3V&5V:100mVpp max	Weight: 80 Grams Typical
Short Circuit Protection: Power Fold Back	





Ordering Information:

T	05	B	D	200	—	05	S	3.3
Company	Isolation Voltage	Input Vol. Model	Package	Output Watt		Input Voltage	Output Model	Output Voltage
TAIMAG	05=500,10=1000	A=±5%~10%	S=Single	200=20Watt		05=5V±5%	S=Single	05=5V
	15=1500,20=2000	B=2:1,C=4:1	D=Dual,SM=SMD			Or 9-18V	D=Dual	

Electrical Specification:

Model	Input			Output		Efficiency Typical % (a)	Package External Fuse (b)
	Voltage (Vdc)	Current(mA)		Voltage (Vdc)	Current (mA)		
		No-Load	Full-Load				
T15BD200-12S3.3	9-18	32	1964	3.3	6000	84	K ,6
T15BD200-24S3.3	18-36	30	982	3.3	6000	84	K ,3
T15BD200-48S3.3	36-72	28	491	3.3	6000	84	K ,1.5

(a) Efficiency is specified at nominal input voltage and full load.

(b) Certain applications may require the installation of external fuse in front of the input.

Dimensions:Unit=mm±0.25

Pin Connections	
Pin Number	Package K
	Single
1	+Input
2	-Input
3	-Output
4	No Pin
5	+Output

