

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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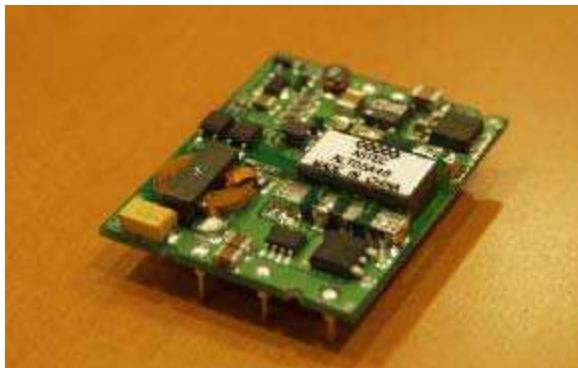
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

25-30 Watts

Total Power: 25 Watts for Single, 30Watts for Dual output
Input Voltages: 48 V, 24V
No. of Outputs: Single, Dual

ALT

ALT Dual



Special Features

- 25W Single and 30W Dual output
- 2:1Input range
- Open Frame package
- 1.6" X 2.0" X0.48"
- Positive and Negative enable function
- Industry standard package

Environmental

Operating temperature
-40°C to +55°C (ambient temperature)
Storage temperature: -55°C to +125°C
MTBF: 2 million hours (Bellcore TR332)

Electrical Specs

Input

Input range 48Vin:36-75 VDC
24Vin: 18 - 36VDC
Input Surge 48Vin: 100V / 100ms
24Vin: 50V / 100ms
Efficiency 87%@5.0V (Typical)

Control

Enable TTL compatible
(positive & negative enable
options)

Output

Regulation Line <0.2%
Load <0.5%

Ripple & Noise 75mV p-p for 3.3V and 5V of
48Vin
100mV p-p for 3.3V and 5V of
24Vin
150mV p-p for 12V and 15V
150mV p-p for dual output

Output voltage adjust range +/-10% of nominal output
Transient Response 3% max deviation with
50% to 75% full load
200 μ S (max) recovery for 48Vin
300 μ S (max) recovery for 24Vin

Overvoltage Protection

19V for 15V output
16V for 12V output
7V for 5V output
5V for 3.3V output

Isolation

I/O isolation 1500VDC (Basic insulation)

Safety

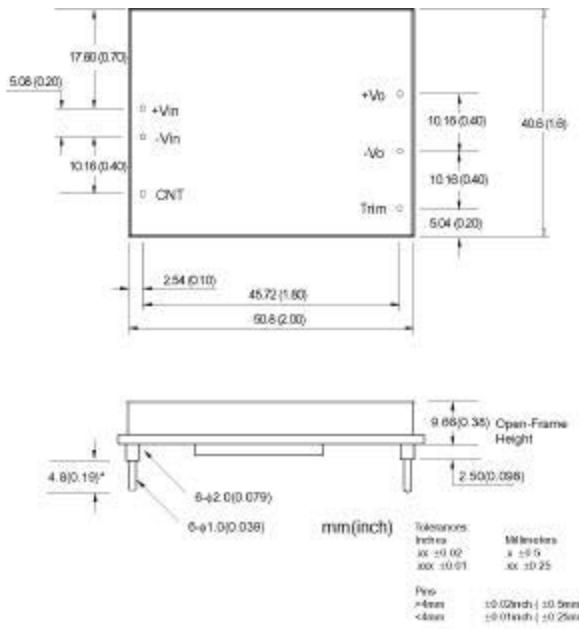
UL 1950 Recognized
CSA CSA22.2 - 950
VDE EN60950 Licensed

Ordering Information

Input Voltage	Output Voltage	Efficiency	Model Number
48V	3.3V @ 6A	85% (Typ)	ALT06F48
48V	5.0V @ 5A	87% (Typ)	ALT05A48
48V	12V @ 2.1A	87% (Typ)	ALT02B48
48V	15V @ 1.67A	87% (Typ)	ALT01C48 (EOL)
24V	3.3V @ 6A	83% (Typ)	ALT06F24
24V	5.0V @ 5A	85% (Typ)	ALT05A24
Dual output			
48V	5.0V @ 3A	84% (Typ)	ALT03AA48 (EOL)
48V	12V @ 1.25A	87% (Typ)	ALT01BB48 (EOL)

Pin Assignments

Single Output



Dual Output

