

MA Series

20W DC-DC Converter 2" x 1.6"



FEATURES

- Compact size
50.8 x 40.6 x 11.7mm
2 x 1.6 x 0.46 inch
- Industry standard footprint
- Wide input voltage
- Isolated output
- High efficiency
- Remote control, trim functions
- Over-voltage, Over-current & Over-temperature protections

ENVIRONMENTAL

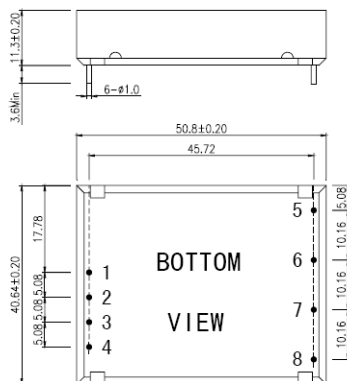
Storage Temp: -55°C to +125°C

Operating Temp: -40°C to +105°C

SAFETY / EMC

UL
TUV
CE
CSA

MECHANICAL



ELECTRICAL SPECIFICATIONS

INPUT

Input voltage range 36 - 75VDC & 18 - 26VDC

OUTPUT

Volt set point accuracy ±1% Vout

Voltage adjust ±10% Vout

Line regulation ±0.2% Vout

Load regulation ±0.5% Vout

Ripple & Noise 120mV p-p for 12V output

100mV p-p for 5V & 3.3V

100mV p-p for 1.5V & 1.8V

Over-temp. Protection 100 - 125°C

ORDERING INFORMATION

Model	Input	Output	Power (W)
MA20S48S-W	20 - 72VDC	7V / 2.8A	20W
MA25S48K	36 - 75VDC	12V / 2A	24W

Pin Assignment	
1	+Vin
2	-Vin
3	No Pin
4	Control
5	No Pin
6	+Vout
7	-Vout
8	Trim

Specifications subject to change without notice

Safety Power Group Ltd

9, Farnborough Business Centre, Eelmoor Road, Farnborough, Hampshire. GU14 7QN

Tel: +44 (0) 1252 515565

Fax: +44 (0) 1252 546021

e-mail: sales@safety-power.com

web: www.safety-power.com