



Smallest

2-10W DC-DC Converters

Isolated SIP-8 Package DC-DC Converters Family

MC Family Features

83% ↓ Board Space
Smaller

400% ↑ Power
Density Up

76% ↓ Weight
Smaller

Efficiency
up to **89%**

21.8x9.6x12.0 mm



SIP-8 Package DC-DC Converter MC Family

Wide 4:1 Input Range:
4.5-9, 4.5-18, 9-18, 9-36, 18-36, 36-75, 18-75 VDC

Fully Regulated Output Voltage
with 3.3V, 5V, 5.1V, 12V, 15V, 24V, $\pm 5V$, $\pm 12V$, and $\pm 15V$

Power Density up to 65 W/in³

Operating Ambient Temp. Range -40~+90°C

Efficiency up to 89%

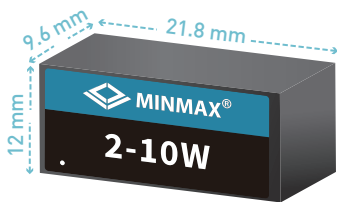
I/O Isolation 1000~1600 VDC

Full Protection Functions :
UVP, OCP, SCP

Remote On/Off Control



Depend on series



Output Power(W)

2 3 4 5 8 10



NEW

MCWI10 Series

- Output Power: 10W
- Input Voltage Range: 4:1
- Efficiency: Up to 89%
- Operating Ambient Temp. Range -40~+87.5°C



NEW

MCWI08 Series

- Output Power: 8W
- Input Voltage Range: 4:1
- Efficiency: Up to 88%
- Operating Ambient Temp. Range -40~+90°C



MCWI05 Series

- Output Power: 5W
- Input Voltage Range: 4:1
- Efficiency: Up to 84%
- Operating Ambient Temp. Range -40~+75°C



MCW(I)04 Series

- Output Power: 4W
- Input Voltage Range: 2:1, 4:1
- Efficiency: Up to 87%
- Operating Ambient Temp. Range -40~+85°C



MCW(I)03 Series

- Output Power: 3W
- Input Voltage Range: 2:1, 4:1
- Efficiency: Up to 83%
- Operating Ambient Temp. Range -40~+85°C



MCWI02 Series

- Output Power: 2W
- Input Voltage Range: 4:1
- Efficiency: Up to 82%
- Operating Ambient Temp. Range -40~+90°C



MCW1000 Series

- Output Power: 2W
- Input Voltage Range: 2:1
- Efficiency: Up to 81%
- Operating Ambient Temp. Range -40~+85°C

