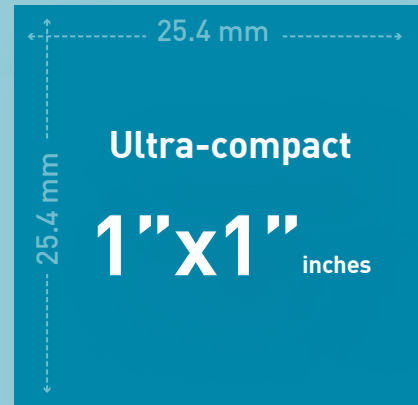




Smallest DC-DC Converter

Encapsulated 1"x1" Package Family



Family Features

70% ↓ Board Space Smaller

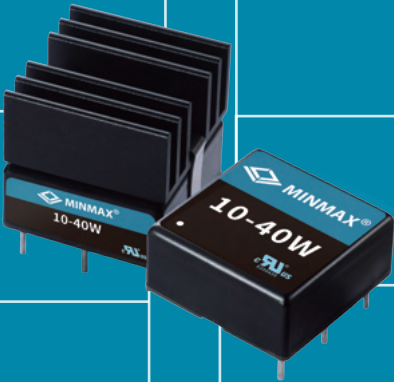
290% ↑ Power Density Up

63% ↓ Weight Smaller

Output Power
10-40W

Efficiency
Excellent

1"x1" Package DC-DC Converter **MJ Family**



Input Range :
9-18, 9-36, 18-36, 18-75, 36-75, 18-75 VDC

Fully Regulated Output Voltage
with 3.3V, 5V, 5.1V, 12V, 15V, 24V, 48V, 54V, ±12V, and ±15V

Ultra-high Power Density up to 93W/in³

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

Remote On/Off Control, Output Voltage Trim

I/O Isolation 1500 VDC

Protection Functions : UVP, OCP, OTP, SCP

No Min. Load Requirement

Depend on series



Output Power(W)



NEW



MJWI40

Series

- Output Power: 40W
- Input Voltage Range: 4:1
- Efficiency: Up to 93%
- Operating Ambient Temp. Range -40~+85°C



MJWI30

Series

- Output Power: 30W
- Input Voltage Range: 4:1
- Efficiency: Up to 90%
- Operating Ambient Temp. Range -40~+80°C



MJW(I)25

Series

- Output Power: 25W
- Input Voltage Range: 2:1, 4:1
- Efficiency: Up to 90%
- Operating Ambient Temp. Range -40~+80°C



MJWI20

Series

- Output Power: 20W
- Input Voltage Range: 2:1, 4:1
- Efficiency: Up to 89%
- Operating Ambient Temp. Range -40~+85°C



MJW(I)15

Series

- Output Power: 25W
- Input Voltage Range: 2:1, 4:1
- Efficiency: Up to 91%
- Operating Ambient Temp. Range -40~+90°C



MJW(I)10

Series

- Output Power: 10W
- Input Voltage Range: 2:1, 4:1
- Efficiency: Up to 87%
- Operating Ambient Temp. Range -40~+80°C

