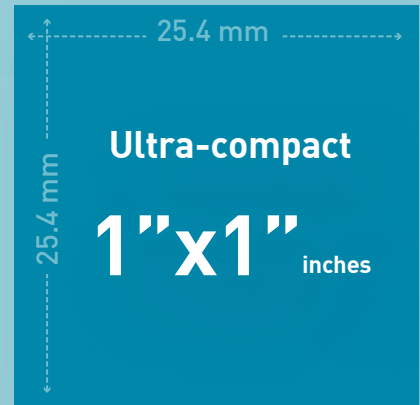




Smallest DC-DC Converter

Encapsulated 1"x1" Package Family



Output Power
10-40W

Family Features

70% ↓ Board Space
Smaller

290% ↑ Power
Density Up

63% ↓ Weight
Smaller

Excellent
Efficiency

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

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

Ultra-high Power Density up to 93W/in³

Remote On/Off Control, Output Voltage Trim

UVP, OLP, OTP, SCP

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

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

I/O Isolation 1500 VDC

No Min. Load Requirement

Depend on series



Output Power(W)



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

