

# UWE-12/10-Q48NB-C



## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Industrial Equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

## Features

12V, 10A, Single Output Isolated 1/8 Brick DC-DC Converter, 18-75V Input Range, Negative polarity, Baseplate

## Appearance & Shape



**Attention**  
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.  
2.This datasheet has only typical specifications because there is no space for detailed specifications.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## Specifications

Brand	Murata Power Solutions
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Output power (W)Max	120W
Vin(V)	18V to 75V
Vin(V)typ	48V
Vout(V)	12V
Vout(V)typ	12V
LineRegulation (%)	0.15%
LoadRegulation (%)	0.075%
Isolation Voltage (V)	2250V
Efficiency (%)	91.5%
Size(mm)W	58.42mm
Size(mm)L	22.86mm
Size(mm)T	12.8mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs (#)	1
Iout(A)Max	10A
Form	1/8 Brick
Package	DIP
Productseries	UWE
Product Series Features	Quarter-brick DOSA-Compatible, Isolated DC-DC Converters
Safety Approval	These devices are designed to meet UL/CSA60950 and IEC/EN60950 safety standards, including BASIC insulation requirements. Q48 models are CE marked (meet the requirements of LVD).

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