

MPQ600-28V21-D48NBMC

In Production

Recommended

New

RoHS

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.
Recommended Applications	Base Station

Features

28V, 21.5A, Single Output, Quarter-Brick, 36-75V Input Range, Negative Logic, Baseplate, PMBus interface, RoHS compliant.

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

Output power (W)Max	600W
Vin(V)	36V to 75V
Vin(V)typ	48V
Vout(V)	14V to 35V
Vout(V)typ	28V
LineRegulation (%)	-1% to 1%
LoadRegulation (%)	-1% to 1%
Isolation Voltage (V)	2250V
Efficiency (%)	96.5%
Size(mm)W	36.83mm
Size(mm)L	58.42mm
Size(mm)T	14.4mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs (#)	1
Iout(A)Max	21.5A
Form	1/4 Brick
Package	DIP
Productseries	MPQ600
Product Series Features	The MPQ600 is an Isolated, 600W, Board-Mount-Power, DC-DC converter with PMBus interface in a Quarter-brick package designed for Radio Frequency Power Amplifier applications.
Regulation	Regulated

Safety Approval	CSA 62368-1 UL 62368-1 IEC 62368-1:2018
Brand	Murata Power Solutions

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