

# PQU650M-48P

In Production

Recommended

RoHS

## Applications

|                         |  |
|-------------------------|--|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use."  |
| Specific Applications   | Consumer equipment, Industrial Equipment<br>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

The PQU650M is a medical grade open frame power module certified to IEC60601-1 Ed.3 with applied part rating of Tpe B and BF.

The series I capable of 450W when convection cooled convection cooled, 650W with forced airflow and a "power boost" to 800W. It is intended for both medical and industrial.

All interface connections are provided with header style connectors, for AC source, DC output and signal/fan interfaces, and incorporate a droop current sharing characteristic for parallel/redundant operation.

## 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.

# PQU650M-48P



## Specifications

|                            |                        |
|----------------------------|------------------------|
| Output power (W)Max        | 650W                   |
| Totaloutput power (W)      | 660W                   |
| Form                       | 6 x 4                  |
| Vin (VAC)                  | 90Vac to 264Vac        |
| Vin (VAC)typ               | 100Vac                 |
| Vout(V)                    | 45.6V to 50.4V         |
| Vout(V)typ                 | 48V                    |
| Iout(A)Max                 | 13.6A                  |
| Iout (A)Peak               | 16.7A                  |
| Isolation Voltage (Vrms)   | 4000Vrms               |
| Efficiency (%)             | 95%                    |
| Size(mm)W                  | 101.6mm                |
| Size(mm)L                  | 152.4mm                |
| Size(mm)T                  | 40.0mm                 |
| Operatingtemperature(degC) | -30°C to 70°C          |
| Outputs (#)                | 3                      |
| Productseries              | PQU650M                |
| Vout2 (V)typ               | 5V                     |
| Vout3 (V)typ               | 12V                    |
| Brand                      | Murata Power Solutions |

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