

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 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 connnections 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

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.