AC input power supply (AC-DC converter)

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ZWP350-1000-48

Product Status	Mass production system
Sales area	Japan only
series	ZWP
Model	ZWP350
Features	SEMI-F47 compliant (200VAC only) Peak output
option	



The product image shows a representative product.

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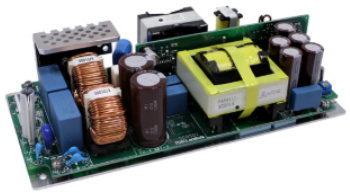
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Features	SEMI-F47 compliant (200VAC only) Peak output
option	
Option lineup	Please see here.
Recommended EMC filters	
Accessories	Please see here.
brand	TDK-Lambda
Environmentally friendly	RoHS



The product image shows a representative product.

Electrical characteristics

input	single phase
Input voltage range [AC]	85–265Vac
Input voltage range [DC]	120-370Vdc
efficiency	94% Typ.
Rated output voltage [DC]	48Vdc
Output voltage range [DC]	45.0–48.0 Vdc

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Product Information

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SPECIFICATIONS/PRECAUTIONS FOR USE

- specification
- Precautions for use
- Safety Precautions

EXTERNAL VIEW

- 2D exterior view (PDF)
- 2D exterior view (DXF)
- 3D exterior view (IGES)

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Maximum output current	7.3A
maximum average current	
Maximum peak current	20.9A
Maximum output power	350.4W
maximum average power	
Maximum peak power	1003.2W

Shape and dimensions

Shape / Installation	Open frame (circuit board)
Industry standard size	
Width (W)	88mm Nom.
Height (H)	44mm Nom.
Depth (D)	183mm Nom.
mass	770g Typ.

others

Operating temperature range	-20 to 70°C
Cooling method	forced air cooling Natural air cooling
Safety standards (certification)	IEC62368-1 CSA62368-1

3D exterior view (STEP)

TECHNICAL DOCUMENTS

- **Model data (typical static characteristics, dynamic characteristics, EMI characteristics, etc.)**
- **Reliability data (calculated MTBF, estimated lifespan, reliability tests, etc.)**
- **Immunity test data**
- **operating instructions**

SAFETY STANDARDS REPORT

- **EU/UKCA Declaration of Conformity**
- **CB 62368 Ed.2 Certificate**
- **CB 62368 Ed.3 Certificate**
- **EN 62368 Ed.3 Certificate**
- **UL 62368 Ed.2 Report**
- **CB 62477 Ed.1 Certificate**
- **EN 62477 Ed.1 Report**

ENVIRONMENTAL MATERIALS

- **Contained chemical substance information search (REACH SVHC, EU RoHS, China**

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	EN62368-1 UL62368-1 IEC62477-1 (OVCIII) EN62477-1 (OVCIII)
Safety standards (compliance)	Electrical Appliances and Materials Safety Act, Appendix 8 (100VAC only)
remarks	This page only lists representative characteristic values. For detailed specifications and conditions, please refer to the various technical data.

RoHS) Update

Regarding the presence or absence of asbestos, polychlorinated biphenyls (PCBs), and mercury.

EXPORT-RELATED DOCUMENTS

Regarding the export of TDK-Lambda products (PDF of the classification opinion and Excel form for requesting the creation of a classification determination report)

SELECTION GUIDE

Selection Guide

TECHNICAL SUPPORT TOOLS

Power matching chart (tool for verifying output specifications under actual usage conditions)

OTHERS

Product rental applications are now being accepted via our website. Recommended!

I see! TDK Lambda

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Recommended for you



MULTILAYER CERAMIC CHIP CAPACITORS

CGA6P3X7T0E107M250AB

Capacitance=100µF
Edc=2.5V
T.C.=X7T

LxWxT:3.2x2.5x2.5mm
General
AEC-Q200



CHIP NTC THERMISTOR (SENSOR)

B57232V5103F360

Resistance (at 25°C) = 10kΩ

Resistance Tolerance (at 25°C)=±3%



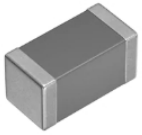
COMMON MODE CHOKE/FILTER FOR POWER LINES

ACM70V-701-2PL-TL00

|Z|=700Ω at 100MHz
Rated current=4A

L x W x T:
7mm x 6mm x 3.5mm

People who viewed this product also viewed these products.



MULTILAYER CERAMIC CHIP CAPACITORS

C1608C0G1H103J080AE



EMC FILTER FOR POWER LINES

B84113H0000M120



EMC FILTER FOR POWER LINES

B84143B0150S020

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Capacitance=10nF
Edc=50V
T.C.=C0G

LxWxT:1.6x0.8x0.8mm
Soft termination

1-phase(250V), Rated Current:20A

Small case type

3-phase/3-Lines(530V), Rated Current:150A

Case type



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software

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Lithium-ion battery

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