

UNVG 65W Series

I.C.T./AV AC/DC Adaptor
Compact Design
GaN/SiC Technology



▲ UNVGU3065



▲ UNVGZ3065



▲ UNVGE3065



▲ UNVGK3065



▲ UNVGA3065



▲ UNVGR3065



▲ UNVGF3065



▲ UNVGG3065



■ Please contact our sales department for safety standard of each model.



Safety Certificate



Reliability Guarantee



Energy Saving



RoHS 2



EMC



SiC-MOSFET



Miniaturization

Product Highlights

- Stability
- Energy and High Efficiency
- Small size
- Light weight
- Suitable for audio, video, information and communications technology equipment

Efficiency

- Energy Efficiency Level VI (ErP / DoE)
- Meet Commission Regulation(EU) 2019/1782
- Meet DOE 10 CFR part 429 and 430
- Meets ErP (EU) 2025/2052 energy efficiency standards

Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection

Emissions

- FCC
 - FCC Part15-B
- CE
 - EN(CISPR)55032-B
- VCCI-B
- BS EN 55032

Safety Standard

- 62368-1
- PSE 別表第八

Immunity

- EN55035
- BS EN 55035

The above specifications include the following test standards

- ✓ EN61000-4-2
- ✓ EN61000-4-3
- ✓ EN61000-4-4
- ✓ EN61000-4-5
- ✓ EN61000-4-6
- ✓ EN61000-4-8
- ✓ EN61000-4-11

Electrical Spec

Input					
Description	Min.	Typ.	Max.	Units	Comment
Voltage	90	100~240	264	Vac	
Frequency	47	50/60	63	Hz	

Environmental					
Description	Min.	Typ.	Max.	Units	Comment
Operating Temperature	0	-	40	°C	Free Convection, Sea Level
Storage Temperature	-20	-	65	°C	Free Convection, Sea Level
Operating Humidity	5	-	95	%RH	No Condensing
Storage Humidity	5	-	95	%RH	No Condensing

Typical model list

Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option / Remark
UNVGx3065-120054SB	12.0V	5.4A	±5%	240mV	240mV	88.0%	0.21W	
UNVGU3065-150043SB	15.0V	4.3A	±5%	240mV	240mV	88.0%	0.21W	
UNVGx3065-190034SB	19.0V	3.4A	±5%	240mV	240mV	88.0%	0.21W	
UNVGx3065-240027SB	24.0V	2.7A	±5%	240mV	240mV	88.0%	0.21W	

■ Measurement Condition

- Measurements shall be made with an oscilloscope with 20MHz bandwidth.
- Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF Low ESR electrolytic capacitor to simulate system loading.

Mechanical Spec

UNVGU3065 Series	UNVGZ3065 Series

Mechanical Spec

UNVGE3065 Series	UNVGK3065 Series
UNVGA3065 Series	UNVGR3065 Series
UNVGF3065 Series	UNVGG3065 Series

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