

UNDE 90W Series

I.C.T./AV AC/DC Adaptor Standard Product



▲ UNDEI3090



UNDEB3090

PS CE LA FC VI Please contact our sales department for safety standard of each model.	Safety Certificate	Reliability Guarantee	ROHS 2	€М⊅ ЕМС	
of each model.					

Product Highlights

- Stability
- Energy and High Efficiency
- Suitable for audio, video, information and communications technology equipment

Protection

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

Safety Standard

- 60950-1
- 62368-1
- PSE 別表第八

Efficiency

- Energy Efficiency Level VI (ErP / DoE)
- Meet Commission Regulation(EU) 2019/1782
- Meet DOE 10 CFR part 429 and 430

Emissions

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

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.	Тур.	Max.	Units	Comment
Voltage		90	100~240	264	Vac	
Frequency		47	50/60	63	Hz	
Power Factor	ACIN 100V	0.9	-	-	-	
	ACIN 230V	0.9	-	-	-	

Environmental						
Description	Min.	Тур.	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

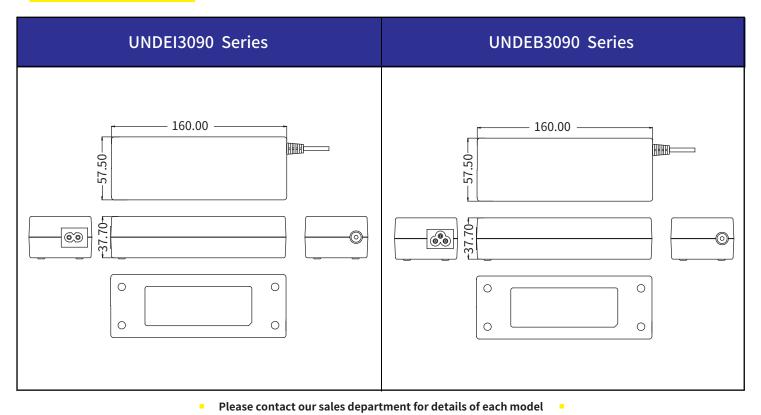
Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option / Remark
UNDEx3090-120075SA	12.0V	7.5A	±5%	300mV	400mV	88.00%	0.21W	
UNDEx3090-150060SA	15.0V	6.0A	±5%	300mV	400mV	88.00%	0.21W	
UNDEx3090-190047SA	19.0V	4.73A	±5%	300mV	400mV	88.00%	0.21W	
UNDEx3090-240037SA	24.0V	3.75A	±5%	300mV	400mV	88.00%	0.21W	

Measurement Condition

1. Measurements shall be made with an oscilloscope with 20MHz bandwidth.

2. Outputs shall be bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

Mechanical Spec



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