

# UNDE 120W Series

## I.T.E./AV AC/DC Adaptor



▲ UNDEC3120



▲ UNDET3120



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



### Product Highlights

- Stability
- High efficiency
- Mobility
- MP3 player, portable GPS,PDA, music and networking devices
- LED lighting, display or photo frame, network and USB devices
- Audio or video devices,Small and medium-sized laptop computers.
- Digital cameras.

### Protection

- Short Circuit Protection
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection (Optional)

### Safety Standrd

- 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 Part15 Class B
- VCCI Class B
- CE CISPR 32 EN 55032
- BS EN55032

### Immunity

- EN 55035
- BS EN55035

## Electrical Spec

Input					
Description	Min.	Typ.	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.	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

No.	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option/Remark
1	12.0V	10.0A	±5%	240mV	240mV	88.0%	0.1W	
2	15.0V	8.0A	±5%	360mV	360mV	88.0%	0.1W	
3	19.0V	6.3A	±5%	480mV	480mV	88.0%	0.1W	
4	24.0V	5.0A	±5%	480mV	480mV	88.0%	0.1W	

■ 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

UNDEC3120 Series	UNDET3120 Series

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