

## UNDE 120W B Series

# I.C.T./AV AC/DC Adaptor Lithium battery charging





▲ UNDEC3120 B

▲ UNDET3120 B

















#### **Product Highlights**

- Stability
- Energy and High Efficiency
- Support CC/CV charging mode
- Charge safely
- Suitable for E-bike/charging equipment

#### Protection

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

#### Safety Standrd

- **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 FN 55032

#### **Immunity**

- EN55035
- BS EN 55035

The above specifications include the following test standards

- ✓ EN61000-4-2
- ✓ EN61000-4-3
- ✓ EN61000-4-4
- V LINU1000-4-4
- ✓ 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	-	-	-			

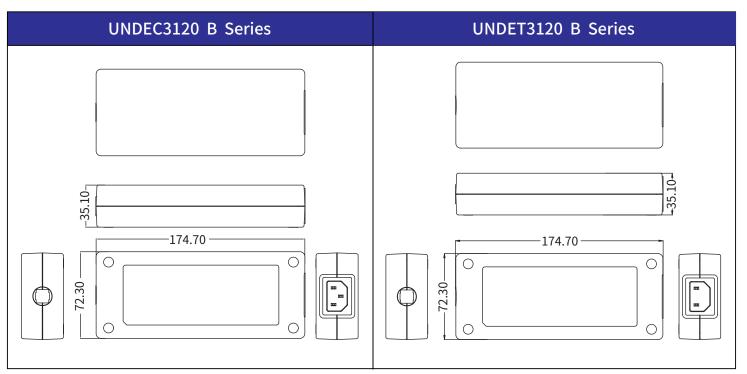
Environmental								
Description	Min.	Тур.	Max.	Units	Comment			
Operating Temperature	0	-	40	°C	Free Convection, Sea Level			
Storage Temperature	-20	-	65	°C	Free Convection, Sea Level			
Operating Humidity	5	-	95	%RH	No Condensing			
Storage Humidity	5	-	95	%RH	No Condensing			

### 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
UNDEx3120-136088BA	13.6V	8.8A	±5%	240mV	240mV	88.0%	0.21W	
UNDEx3120-272044BA	27.2V	4.4A	±5%	360mV	360mV	88.0%	0.21W	
UNDEx3120-420030BA	42.0V	3.0A	±5%	480mV	480mV	88.0%	0.21W	
UNDEx3120-546022BA	54.6V	2.2A	±5%	480mV	480mV	88.0%	0.21W	

Measurement Condition

## Mechanical Spec



Please contact our sales department for details of each model

<sup>1.</sup> Measurements shall be made with an oscilloscope with 20MHz bandwidth.

<sup>2.</sup> 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.