Under Development

UNDC 200W Series

I.C.T./AV AC/DC Adaptor
Lithium battery charging
GaN Mosfet Technology

▲ **UNDCC3200**

Safety Certificate | Reliability Guarantee | Energy Saving | RoHS 2 | EMC | PFC | GaN-MOSFET | Miniaturization

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

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 Standard

- 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.	Typ.	Max.	Units	Comment
Voltage		90	100~240	264	Vac	
Frequency		47	50/60	63	Hz	
Power Factor	ACIN 100V	0.95	-	-	-	
	ACIN 230V	0.92	-	-	-	

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

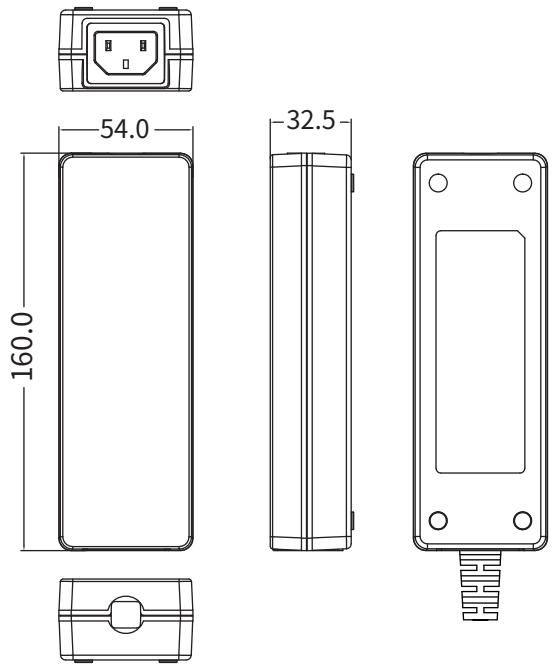
Typical model list

Model Name	DC Output Voltage	DC Output Current	Output Voltage Precision	Ripple	Noise	Average Active Efficiency	No-Load Power Consumption	Option / Remark
UNDCC3200-420046SA	42.0V	4.6A	±5%	700mV	700mV	88.00%	0.21W	
UNDCC3200-504040SA	50.4V	4.0A	±5%	500mV	500mV	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

UNDCC3200 Series



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