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For decades, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

CE

GAN CHARGER (3X USB-C®, 1X USB-A)

Item no: 3323801 (UC-3C1A100W02) / 3323802 (UC-3C1A140W02)

The product is a GaN charger with fast charge support (Item no.: 3323801 PD3.0), (Item no.: 3323802 PD3.1).





TECHNICAL DATA

Data according to EU regulation 2019/1782

Manufacturer	Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau	
Commercial registration number	HRB 3896	
No.	3323801	3323802
Model identifier	UC-3C1A100W02	UC-3C1A140W02
Input voltage	100 - 240 V/AC	100 - 240 V/AC
Input AC frequency	50 / 60 Hz	50 / 60 Hz
Output voltage Output current Output power	**USB-C1 (max. 100.0 W):** 3.3 – 21.0 V 5.0 A 5.0 V 3.0 A max. 15.0 W 9.0 V 3.0 A max. 27.0 W 12.0 V 3.0 A max. 36.0 W 15.0 V 3.0 A max. 45.0 W 20.0 V 5.0 A max. 100.0 W **USB-C2 (max. 100.0 W):** 3.3 – 21.0 V 5.0 A 5.0 V 3.0 A max. 15.0 W 9.0 V 3.0 A max. 27.0 W 12.0 V 3.0 A max. 36.0 W 15.0 V 3.0 A max. 45.0 W 20.0 V 5.0 A max. 100.0 W	**USB-C1 (max. 140.0 W):** 3.3 – 21.0 V 5.0 A 5.0 V 3.0 A max. 15.0 W 9.0 V 3.0 A max. 27.0 W 12.0 V 3.0 A max. 36.0 W 15.0 V 3.0 A max. 45.0 W 20.0 V 5.0 A max. 100.0 W 28.0 V 5.0 A max. 140.0 W **USB-C2 (max. 140.0 W):** 3.3 – 21.0 V 5.0 A 5.0 V 3.0 A max. 15.0 W 9.0 V 3.0 A max. 27.0 W 12.0 V 3.0 A max. 36.0 W

	USB-C3 (max. 65.0 W): 3.3 – 21.0 V 5.0 A 5.0 V 3.0 A max. 15.0 W 9.0 V 3.0 A max. 27.0 W 12.0 V 3.0 A max. 36.0 W 15.0 V 3.0 A max. 45.0 W 20.0 V 3.25 A max. 65.0 W **USB-A:** 4.5 V 5.0 A max. 22.5 W 5.0 V 4.5 A max. 22.5 W 5.0 V 3.0 A max. 15.0 W 9.0 V 3.0 A max. 27.0 W 12.0 V 2.5 A max. 30.0 W 20.0 V 1.5 A max. 30.0 W **USB-C1 + USB-C2/C3** Output: 65.0 W + 35.0 W **USB-C1/C2 + USB-A** Output: 65.0 W + 30.0 W **USB-C2 + USB-C3** Output: 65.0 W + 35.0 W **USB-C3 + USB-A** Output: 5.0 V/DC 3.0 A (max. 15.0 W) **USB-C1 + USB-C2 + USB-C3** Output: 45.0 W + 35.0 W + 20.0 W **USB-C1 + USB-C2 + USB-A** Output: 45.0 W + 35.0 W + 18.0 W **USB-C1/C2 + (USB-C3 + USB-A)** Output: 65.0 W + (15.0 W) **USB-C1 + USB-C2 + (USB-C3 + USB-A)** Output: 45.0 W + 35.0 W + (15.0 W) **Total Output: max. 100.0 W**	15.0 V 3.0 A max. 45.0 W 20.0 V 5.0 A max. 100.0 W 28.0 V 5.0 A max. 140.0 W **USB-C3 (max. 65.0 W):** 3.3 – 11.0 V 3.0 A 5.0 V 3.0 A max. 15.0 W 9.0 V 3.0 A max. 27.0 W 12.0 V 3.0 A max. 36.0 W 15.0 V 3.0 A max. 45.0 W 20.0 V 3.25 A max. 65.0 W **USB-A:** 4.5 V 5.0 A max. 22.5 W 5.0 V 4.5 A max. 22.5 W 5.0 V 3.0 A max. 15.0 W 9.0 V 3.0 A max. 27.0 W 12.0 V 2.5 A max. 30.0 W 20.0 V 1.5 A max. 30.0 W **USB-C1 + USB-C2/C3** Output: 100.0 W + 35.0 W **USB-C2 + USB-C3** Output: 100.0 W + 35.0 W **USB-C1/C2 + USB-A** Output: 100.0 W + 30.0 W **USB-C3 + USB-A** Output: 15.0 W **USB-C1 + USB-C2 + USB-C3** Output: 65.0 W + 45.0 W + 30.0 W **USB-C1 + USB-C2 + USB-A** Output: 65.0 W + 45.0 W + 30.0 W **USB-C1/C2 + (USB-C3 + USB-A)** Output: 100.0 W + (15.0 W) **USB-C1 + USB-C2 + (USB-C3 + USB-A)** Output: 65.0 W + 45.0 W + (15.0 W) **Total Output: max. 140.0 W**
Average active efficiency	90.5 %	88.1 %
Efficiency at low load (10 %)	79.7 %	88.9 %
No-load power consumption	0.28 W	0.08 W

Environment

Operating conditions	0 to +40 °C, 5 - 90 % RH (non-condensing)
Storage conditions	-35 to +70 °C, 0 - 90 % RH (non-condensing)

Others

BN	**3323801**	**3323802**
Protection class	II	II
Protection mechanisms	Short circuit protection, over voltage protection	Short circuit protection, over voltage protection
Dimensions (W x H x D) (approx.)	81 x 61 x 29 mm	90 x 61 x 29 mm
Weight (approx.)	226 g (main unit) + 89 g (cable)	265 g (main unit) + 89 g (cable)
Power cord cable length	2.0 m with plug	2.0 m with plug

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Charger // Mains cable // Operating instructions

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