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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

USB CHARGER

Item no: 3402154 (UC-1C1A20W01) 20 W / 3402155 (UC-1C1A25W01) 25 W / 3402409 (UC-1C1A30W01) 30 W / 3401961 (UC-45W001) 45W / 3402158 (UC-65W001) 65W



The product is a USB GaN charger.

TECHNICAL DATA

Charger type	GaN
PD 3.0	yes
Operating conditions	0 to +40 °C, 5 - 90 % RH (non-condensing)
Storage conditions	-35 to +70 °C, 0 - 90 % RH (non-condensing)
Protection class	II

TECHNICAL DATA

Item No.: 3402154

Data according to EU regulation 2019/1782

Manufacturer	Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau
Commercial registration number	HRB 3896
Model identifier	UC-1C1A20W01
Input voltage	100-240 V/AC
Input AC frequency	50/60 Hz
Output voltage	**USB-C®** 5.0 V/DC 3.0 A Max.15.0 W 9.0 V/DC 2.22 A Max. 19.98 W 12.0 V/DC 1.67 A Max. 20.04 W
Output current	
Output power	

	USB-A 5.0 V/DC 3.0 A Max.15.0 W 9.0 V/DC 2.0 A Max.18.0 W 12.0 V/DC 1.5 A Max.18.0 W **USB-C® + USB-A** 5.0 V/DC 3.0 A Max.15.0 W
Average active efficiency	85.7 %
Efficiency at low load (10 %)	79.0%
No-load power consumption	0.10W

Others

PPS	no
Dimensions (W x H x D) (approx.)	36 x 15 x 81 mm
Weight (approx.)	40 g

TECHNICAL DATA

Item No.: 3402155

Data according to EU regulation 2019/1782

Manufacturer	Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau
Commercial registration number	HRB 3896
Model identifier	UC-1C1A25W01
Input voltage	100-240 V/AC
Input AC frequency	50/60 Hz
Output voltage	**USB-C®** 5.0 V/DC 3.0 A Max.15.0 W 9.0 V/DC 2.77 A Max. 24.93 W 12.0 V/DC 2.08 A Max. 24.96 W **USB-A** 5.0 V/DC 3.0 A Max.15.0 W 9.0 V/DC 2.0 A Max.18.0 W 12.0V/DC 1.5 A Max.18.0 W **USB-C® + USB-A** 5.0 V/DC 3.0 A Max.15.0 W
Output current	
Output power	
Average active efficiency	85.8 %
Efficiency at low load (10 %)	81.5 %
No-load power consumption	0.10 W

Others

PPS	yes
Dimensions (W x H x D) (approx.)	36 x 15 x 81 mm
Weight (approx.)	50 g

TECHNICAL DATA

Item No.: 3402409

Data according to EU regulation 2019/1782

Manufacturer	Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau
Commercial registration number	HRB 3896
Model identifier	UC-1C1A30W01
Input voltage	100-240 V/AC

Input AC frequency	50/60 Hz
Output voltage Output current Output power	**USB-C®** 5.0 V/DC 3.0 A Max.15.0 W 9.0 V/DC 3.0 A Max. 27.0 W 12.0 V/DC 2.5 A Max. 30.0 W 15.0 V/DC 2.0 A Max. 30.0 W 20.0 V/DC 1.5 A Max. 30.0 W **USB-A** 5.0 V/DC 3.0 A Max.15.0 W 9.0 V/DC 2.0 A Max.18.0 W 12.0 V/DC 1.5 A Max.18.0 W **USB-C® + USB-A** 5.0 V/DC 3.0 A Max.15.0 W
Average active efficiency	84.6 %
Efficiency at low load (10 %)	81.4 %
No-load power consumption	0.10 W

Others

PPS	yes
Dimensions (W x H x D) (approx.)	36 x 15 x 81 mm
Weight (approx.)	40 g

TECHNICAL DATA

Item No.: 3401961

Data according to EU regulation 2019/1782

Manufacturer	Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau
Commercial registration number	HRB 3896
Model identifier	UC-45W001
Input voltage	100-240 V/AC
Input AC frequency	50/60 Hz
Output voltage Output current Output power	**USB-C®** 5.0 V/DC 3.0 A Max.15.0 W 9.0 V/DC 3.0 A Max. 27.0 W 12.0 V/DC 3.0 A Max. 36.0 W 15.0 V/DC 3.0 A Max. 45.0 W 20.0 V/DC 2.25 A Max. 45.0 W **USB-A** 5.0 V/DC 3.0 A Max.15.0 W 9.0 V/DC 2.0 A Max. 18.0 W 12.0 V/DC 1.5 A Max. 18 W **USB-C® + USB-A:**30.0 W + 12 W Max. 45 W
Average active efficiency	88.00 %
Efficiency at low load (10 %)	85.3%
No-load power consumption	0.2W

Others

PPS	yes
Dimensions (W x H x D) (approx.)	43 x 17.5 x 76.4 mm
Weight (approx.)	45 g

TECHNICAL DATA

Item No.: 3402158

Data according to EU regulation 2019/1782

Manufacturer	Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92240 Hirschau
Commercial registration number	HRB 3896
Model identifier	UC-65W001
Input voltage	100-240 V/AC
Input AC frequency	50/60 Hz
Output voltage Output current Output power	**USB-C®** 5.0 V/DC 3.0 A Max. 15.0 W 9.0 V/DC 3.0 A Max. 27.0 W 12.0 V/DC 3.0 A Max. 36.0 W 15.0 V/DC 3.0 A Max. 45.0 W 20.0 V/DC 3.25 A Max. 65.0 W **USB-A** 5.0 V/DC 3.0 A Max.15.0 W 9.0 V/DC 2.0 A Max.18.0 W 12.0 V/DC 1.5 A Max.18.0 W **USB-C® + USB-A** : 45.0 W + 12.0 W Max. 65.0 W
Average active efficiency	87.2 %
Efficiency at low load (10 %)	78.4 %
No-load power consumption	0.30 W

Others

PPS	yes
Dimensions (W x H x D) (approx.)	46 x 17.5 x 92.6 mm
Weight (approx.)	70 g

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Product // Operating instructions

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*3402154 (UC-1C1A20W01) 20 W / 3402155 (UC-1C1A25W01) 25 W / 3402409 (UC-1C1A30W01) 30 W / 3401961 (UC-45W001) 45W / 3402158 (UC-65W001) 65W_V1_0826_en_ds 18014401779118987 I3/O1 en