



InLine USB PD power supply, GaN charger, 3- port, Dual USB-C + USB-A, 65W, white

Model: 31506G

Manufacturer: INLINE

EAN: 4043718318223

Product Code: 870581

R1,280

Experience the powerful and compact 65W GaN charger with 2x USB-C port and 1x USB-A port - the perfect solution for fast and efficient charging of multiple devices at the same time! Thanks to GaN (gallium nitride) technology, this power supply is highly efficient and enables better performance in a smaller design. Electrons are conducted up to 1,000 times more efficiently than with conventional silicon semiconductors, resulting in less heat generation and less energy loss. The 65W GaN charger also supports Power Delivery 3.0 with PPS and Quickcharge 3.0 and offers various output options. PPS (Programmable Power Supply) makes it possible to dynamically adjust the current and voltage supplied via the USB-C port, meaning the power supply can respond flexibly to the requirements of the connected device and deliver the optimum power.

The InLine® USB PD power supply unit is ideal for use in multiple sockets, as the design means that no other protective contact sockets are blocked!

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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General information

Input voltage: AC 100-240V

Input alternating current frequency: ~50/60 Hz, 1.5 A

Output voltage: 3.3-20.0 V DC

Output current: max. 5.0 A

Output power: 65.0 W

Power Delivery 3.0

Quick Charge 3.0

Dimensions: Diameter 42mm, length 102mm

Behaviour of the USB ports when used at the same time:

USB-C1: DC 5.0V/3.0A, 9.0V/3.0A, 12.0V/3.0A, 15.0V/3.0A, 20.0V/3.25A, PPS 3.0A (65.0W)

USB-C2: DC 5.0V/3.0A, 9.0V/3.0A, 12.0V/2.5A, 20.0V/1.5A, PPS 3.0A (30.0W)

USB-A: DC 5.0V/4.5A (22.5W), 4.5V/5.0A (22.5W), 9.0V/3.0A, 12.0V/2.5A, 20.0V/1.5A (30.0W)

USB PD 3.0 (USB-C1, C2) compatible, Quickcharge (USB-A) 4+ and backwards compatible

$C1+C2 = 45.0W + 18.0W = 63.0W$

$C1+A = 45.0W + 18.0W = 63.0W$

$C2+A = 7.5W + 7.5W = 15.0W$

$C1+C2+A = 45.0W + 7.5W + 7.5W = 60.0W$

Average efficiency in operation:

82.31 % (USB-C1 + USB-C2 + USB-A = 3.3VDC + 5.0VDC + 5.0VDC)

87.48 % (USB-C1 + USB-C2 + USB-A = 20.0VDC + 5.0VDC + 5.0VDC)

90.94 % (USB-C1 + USB-C2 = 20.0VDC + 12.0VDC)

Efficiency at low load (10%):

76.61 % (USB-C1 + USB-C2 + USB-A = 3.3VDC + 5.0VDC + 5.0VDC)

81.59 % (USB-C1 + USB-C2 + USB-A = 20.0VDC + 5.0VDC + 5.0VDC)

81.18 % (USB-C1 + USB-C2 = 20.0VDC + 12.0VDC)

Power consumption at no load: 0.107 W

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