



Model: CH40

40W 2-Port GaN Charger



[Datasheet](#)



Highlights

A 40W 2-Port USB-C charger for phones, tablets, wearbles, and laptops, including MacBook Air and iPad Pro.

- 2× USB-C Charging
- PD 3.0, PPS, QC 3.0 Fast Charge
- GaN Tech
- For Laptops, Tablets, and Phones

Package Content

- Main Product
- Safety Guide

Hardware Features

Charging	Ports	2× USB-C
	Power	40W
	Multi-Port Power Allocation	USB-C1/C2: 5.0V=3.0A 15.0W /
		9.0V=3.0A 27.0W / 12.0V=3.0A 36.0W /
		15.0V=2.65A 40.0W / 20.0V=2.0A 40.0W Max /
		PPS: 3.3-11.0V=3A 33.0W Max
		USB-C1+C2: 20.0W+20.0W
		(USB-C1/C2: 5.0V=3.0A 15.0W /
		9.0V=2.22A 20.0W / 12.0V=1.67A 20.0W Max)
	Protocols	QC 3.0, PD 3.0, PPS
	Transistor Type	GaN
Reliability	Compatibility	Phones, tablets, and laptops that accepts USB-C Charging, including Macbook Air, iPhone, iPad, Samsung Galaxy, ASUS Zenfone, ROG, Motorola, Google Pixel, OnePlus, Xiaomi, OPPO, VIVO, Realme, Nokia, Sony, Huawei, TECNO, itel, Infinix
	AC Input	100-240V~ 50/60Hz 1.0A
	Protection	Overheat Protection
		Overvoltage Protection Short Circuit Protection



Hardware Features

Reliability	Charging Port In/Out Test	USB-C: In/Out >10000 times
	Environment	Operating Temperature: -10 °C ~ 25 °C (14 °F ~ 77 °F)
		Storage Temperature: -20 °C ~ 70 °C (-4 °F ~ 158 °F)
		Operating Humidity: 10% ~ 90% non-condensing
		Storage Humidity: 5% ~ 95% non-condensing
Mechanical	Electrical Standards	IEC62368, IEC55032, IEC55035
	Dimension	Main Part:
		52.5×47×28 mm
		2.07×1.85×1.1 inches
		Plug Length:
		37.5 mm
		1.48 inches
	Product Weight	93.4 g (3.29 oz.)
Ordering Information	Retail Package Dimension	88.5×34×118 mm
		3.48×1.34×4.65 inches
	Retail Package Weight	EU: 126.4 g (4.46 oz.)
	Units per Carton	100
	Carton Net Weight	EU: 12.68 kg (27.95 lbs)
	Carton Gross Weight	EU: 13.92 kg (30.69 lbs)
	Carton Dimension	46.5×36.5×26 cm
		18.31×14.37×10.24 inches