



4-port GaN PD Charger IntelliSense

PTC412001



GaN
Technology



PD 3.0
PPS



Deliver up
to 120W



IntelliSense
technology



Advanced
Protection



4X faster
charging



USB
Type-C PD



Worldwide
Input Voltage



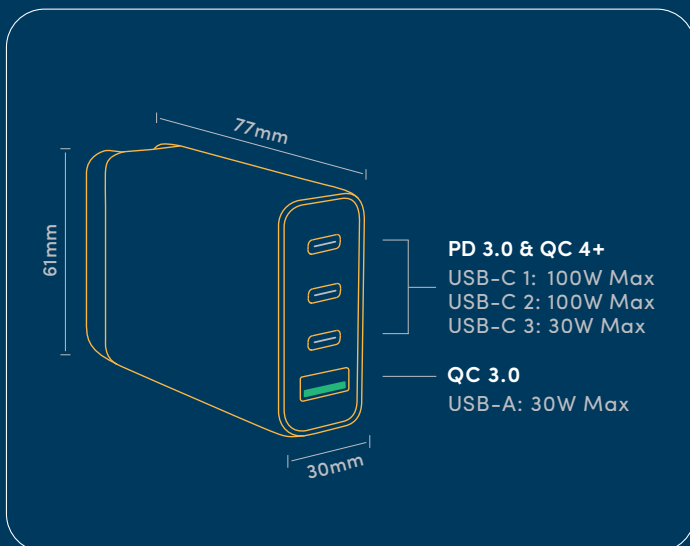
The Prolink PTC412001 120W 4-port GaN PD Charger with IntelliSense features GaN technology, this is to replace traditional Silicone components in a normal charger for better thermal and power efficiency, and gets your smart devices charged 3x faster with half the physical size and weight of a typical charger. It comes with 4 charging ports, allowing users to charge simultaneously at a total charging output of 120W. Also, its IntelliSense feature helps to detect and automatically distributes the right amount of charging current for your connected devices also fully protected from over-voltage, over-current, over-temperature, overload and even short circuits.

Key Features

- GaN technology ensures a smaller and lighter charger with higher charging efficiency
- USB Type-C PD (Power Delivery) USB Type-A (QC3.0) ports offer rapid charging speed for all compatible USB-C & USB-A devices
- Experience 3X faster charging speed with GaN Technology compare to typical charger
- IntelliSense technology detects and automatically distributes the right amount of charging current for your connected devices
- Deliver up to 120W total charging output
- Worldwide Input Voltage AC 100-240V 50/60Hz
- Advanced Protection (Over-voltage, over-current, over-temperature, overload and short circuit protection)
- Charge multiple USB devices simultaneously

Power Delivery 3.0 PPS & Quick Charge 4+

Fast, safe & easy charging for your devices.



30 MINUTES CHARGE



PD
3.0 PPS



Conventional
Charging

15 MINUTES CHARGE



QC 4+



Conventional
Charging

COMPATIBILITY



Laptop



Tablet



Phone



Camera



Headset






Wireless
Earbuds



Handheld Gaming
Device

* USB-C to Lightning Cable is required to fast charge a compatible iPhone or iPad.
** The USB-C PD port can power a laptop, a 5A-rated USB-C to USB-C cable contains E-Mark chip is required for high-power 100W charging.

Specifications

MODEL / PRODUCT NAME	PTC412001 4-Port GaN PD Charger with IntelliSense	
Dimension (L x W x H)	77 x 30 x 61mm	
Weight	200g	
Input	AC 100-240V 50/60Hz 1.8A	
Output	Single Port	USB-C1/C2: 3.3V-21V/5A, 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A (100W max)
		USB-C3: 3.3V-21V/3A, 5V/3A, 9V/3A, 12V/2.5A, 15V/2A, 20V/1.5A (30W max)
		USB-A: 4.5V/5A, 5V/4.5A, 5V/3A, 9V/3A, 12V/2.5A, 20V/1.5A (30W max)
	Two Ports	C1 + C2: 90W + 30W = 120W
		C3 + A: 5V/3A (15W max)
Three Ports	C1 + C2 + C3: 65W + 30W + 18W = 113W	
Four Ports	C1 + C2 + C3 + A: 65W + 30W + 15W = 110W	
Charging Protocol	USB Type-C PD3.0 & QC 4+	PD2.0, PD3.0, PPS, QC4, QC4+, QC2.0, QC3.0, Apple 2.4A, BC1.2, Samsung 2.0A, Samsung AFC, FCP, SCP, PE2.0, PE1.1
	USB Type-A Quick Charge 3.0	QC2.0, QC3.0, Samsung 2.0A, Apple 2.4A, DCP 1.5A, Samsung AFC, FCP, SCP, PE2.0, PE1.1
Advanced Protection	Over-Voltage Protection	✓
	Short Circuit Protection	✓
	Over Temperature Protection	✓
	Overload Protection	✓
	Over Current Protection	✓
Package Contents	<ul style="list-style-type: none"> • 1 x PTC412001 4-port GaN PD Charger (Foldable US Pin) • 1 x User Guide • 1 x EU pin plug • 1 x UK pin plug 	
Available Plug Type	EU  UK  US 	

Product specifications are subject to change without further notice

Ver1.1_19.2.2024

Authorised Distributor/ Reseller:



Register online for your Product Warranty at www.prolink2u.com



Certified by
ISO 9001



Singapore