



# 3-port GaN PD Charger IntelliSense

PTC36501



GaN  
Technology



PD 3.0  
PPS



Deliver up  
to 65W



IntelliSense  
technology



Advanced  
Protection



4X faster  
charging



USB  
Type-C PD



Worldwide  
Input Voltage



The Prolink PTC36501 65W 3-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 3 charging ports, allowing users to charge simultaneously at a total charging output of 65W. 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) ports offer rapid charging speed for all compatible USB-C devices
- IntelliSense technology detects and automatically distributes the right amount of charging current for your connected device
- Deliver up to 65W total charging output
- Advanced Protection (Over-voltage, over-current, over-temperature, overload and short circuit protection)
- Experience 4X faster charging speed with Qualcomm Quick Charge 3.0
- Multiple ports for simultaneous charging of up to 3 devices
- Worldwide Input Voltage AC 100-240V 50/60Hz

## Power Delivery 3.0 PPS & Quick Charge 4+

Fast, safe & easy charging for your devices.



**Power Delivery 3.0 PPS**  
1 port: 65W  
2 ports: 45W + 18W  
(63W max)

**Quick Charge 3.0**  
4.5V/5A, 5V/4.5A,  
9V/3A, 12V/2.5A,  
20V/1.5A (30W max)

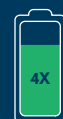
### 30 MINUTES CHARGE



PD  
3.0 PPS



Conventional  
Charging



QC 3.0



Conventional  
Charging

### COMPATIBILITY



Laptop



Tablet



Phone



Camera



Headset



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-Marker chip is required for high-power 65W charging.

## Specifications

<b>MODEL / PRODUCT NAME</b>	<b>PTC36501 3-port GaN PD Charger</b>	
<b>Dimension (L x W x H)</b>	58.6mm x 29.5mm x 47mm	
<b>Weight</b>	110g	
<b>Input</b>	AC 100-240V 50/60Hz 1.5A	
<b>Output</b>	<b>Single Port</b>	USB-C1/C2: 3.3V-11V/3A, 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A max
		USB-A: 4.5V/5A, 5V/4.5A, 9V/3A, 12V/2.5A, 20V/1.5A max
	<b>Two Ports</b>	C1 + C2: 45W + 18W = 63W (C2: 5V/3A, 9V/2A, 12V/1.5A)
		C1 + A: 45W + 18W = 63W (A: 5V/3A, 9V/2A, 12V/1.5A)
<b>Three Ports</b>	C2 + A: 5V/3A	
<b>Charging Protocol</b>	<b>USB Type-C PD3.0</b>	PPS, PD3.0 & PD2.0, QC4+, QC4, QC3.0 & QC2.0, Apple 2.4A, BC1.2, Samsung 2A & AFC, Huawei FCP & SCP, PE 2.0 & PE 1.1
	<b>USB Type-A Quick Charge 3.0</b>	QC 3.0 & QC 2.0, Samsung 2A & AFC, Apple 2.4A, BC1.2, Huawei FCP & SCP, PE 2.0 & PE 1.1
<b>Advanced Protection</b>	<b>Over-Voltage Protection</b>	✓
	<b>Short Circuit Protection</b>	✓
	<b>Over Temperature Protection</b>	✓
	<b>Overload Protection</b>	✓
	<b>Over Current Protection</b>	✓
<b>Package Contents</b>	<ul style="list-style-type: none"> <li>• 1 x PTC36501 3-port GaN PD Charger (Foldable US Pin)</li> <li>• 1 x User Guide</li> <li>• 1 x EU pin plug</li> <li>• 1 x UK pin plug</li> </ul>	
<b>Included Plug Type</b>		

Product specifications are subject to change without further notice

### Purchasing information

<b>ITEM CODE</b>	<b>EAN</b>
CHG-PTC36501-B-WHT	9555522111662

Ver1.1\_22.02.2024

Authorised Distributor/ Reseller:



Register online for your Product Warranty at [www.prolink2u.com](http://www.prolink2u.com)



Certified by  
**ISO 9001**



Singapore