

# 100W GaN Charger

**DCP-101**

## Key Features

- Ensure your devices stay charged while you're on the go with a reliable and efficient charger
- The 100W high-power charging capability includes one USB Type-C port that delivers up to 100W of charging power
- GaN technology facilitates powerful, efficient, and safe charging with comprehensive safety protection
- A compact and convenient multi-port charging block designed to power a variety of devices while minimising heat buildup
- The USB connectors support a wide range of power outputs, with various maximum capacities
- Designed with advanced protection features: overcurrent, overvoltage, overtemperature, overcharge, and short circuit protection
- Designed with advanced protection features: overcurrent, overvoltage, overtemperature, overcharge, and short circuit protection
- USB Power Delivery (PD) 3.0 and Quick Charge (QC) 4.0 for fast charging



## User Benefits



### Supercharged Productivity

GaN technology enables fast and reliable charging to 4 devices simultaneously for better productivity, anytime and anywhere



### Energy Efficiency

GaN is energy efficient, which saves electricity cost and reduces carbon footprint



### Ultra-compact & Portable

The minimalist design makes it travel-friendly and space-saving



### Safety Protection

The multifold protection includes an intelligent temperature control that reduces the rated power to 70% when the temperature exceeds 95°C



### Fast Charging

Power your personal devices and office gadgets with fast charging capabilities, thanks to standardised charging technologies



### Best On-the-Go Partner

Satisfy your portable charging needs by charging smart and portable accessories safely and efficiently – all at the same time

# Technical Specifications

General	
Power Input	110AC-240 V AC (MIN: 99 V, MAX: 264 V) Rated frequency: 50/60Hz Rated Input Current: Max 3.0A@110-240 V input & full load
Output Interfaces	<ul style="list-style-type: none"> <li>When only one charging port is used                             <ul style="list-style-type: none"> <li>USB Type-C1 or C2                                     <ul style="list-style-type: none"> <li>- Output: 5.0V@3.0A, 9.0V@3.0A, 12.0V@3.0A, 15.0V@3.0A, 20.0V@5.0A   MAX 100W</li> <li>- Output protocol: Power Delivery 3.0 (PD 3.0) and Quick Charge 4.0 (QC 4.0)</li> </ul> </li> <li>USB Type-C3                                     <ul style="list-style-type: none"> <li>- Output: 5.0V@3.0A, 9.0V@3.0A, 12.0V@2.5A   MAX 30W</li> <li>- Output protocol: Power Delivery 3.0 (PD 3.0) and Quick Charge 4.0 (QC 4.0)</li> </ul> </li> <li>USB Type-A                                     <ul style="list-style-type: none"> <li>- Output: 5.0V@3.0A, 9.0V@3.0A, 12.0V@2.5A   MAX 30W</li> <li>- Output protocol: Quick Charge 3.0 (QC 3.0)</li> </ul> </li> </ul> </li> <li>When more than one charging port is used                             <ul style="list-style-type: none"> <li>USB Type-C1 &amp; (C2 or C3): 65.0W &amp; 30.0W</li> <li>USB Type-(C1 or C2) &amp; USB Type-A: 65.0W &amp; 30.0W</li> <li>USB Type-(C1 or C2) &amp; C3: 65.0W &amp; 30.0W</li> <li>USB Type-C3 &amp; USB Type-A: Total 15.0W</li> <li>USB Type-C1 &amp; C2 &amp; C3: 45.0W &amp; 18.0W &amp; 30.0W</li> <li>USB Type-C1 &amp; C2 &amp; USB Type-A: 45.0W &amp; 18.0W &amp; 18.0W</li> <li>USB Type-C1 &amp; (USB Type-C3+ USB Type-A): 65.0W &amp; (Total 15.0W)</li> <li>USB Type-C2 &amp; (USB Type-C3+ USB Type-A): 65.0W &amp; (Total 15.0W)</li> <li>USB Type-C1 &amp; C2 &amp; (C3 &amp; USB Type-A): 45.0W &amp; 18.0W &amp; (Total 15.0W)</li> </ul> </li> </ul> <p>Maximum Total Output: 100 W</p>
Protection	<ul style="list-style-type: none"> <li>Overcurrent protection</li> <li>Overvoltage protection</li> <li>Overcharge protection</li> <li>Overtemperature protection</li> <li>Short circuit protection</li> </ul>
Physical	
Dimensions	67 x 63 x 31 mm
Power Input	MAX 3.0A@110-240 V
Weight	240 g
Operating Temperature	0 to 40 °C
Storage Temperature	-20 to 80 °C
Operating Humidity	10% to 100% non-condensing
Storage Humidity	30% to 100% non-condensing
Certifications	CE, FCC
Package Contents	
DCP-101	100W GaN Charger Quick Installation Guide Warranty Card

