

# 240W GaN Charger

**DCF-241**

## Key Features

- Empower your at-home workforce with a reliable and efficient charging block to keep your devices charged all the time
- The block's high-power charging capability includes one USB Type-C port that delivers up to 140W of charging power
- GaN technology facilitates powerful, efficient, and safe charging with comprehensive protection mechanism
- A compact and convenient multi-port charging block designed to power a variety of devices while minimizing 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
- PD 3.1 and QC 4.0 for fast charging



## User Benefits



### Supercharged Productivity

GaN technology enables efficient and reliable charging for up to 5 devices simultaneously for better workplace productivity



### Energy Efficiency

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



### Compact yet Powerful

Compact and capable of charging multiple devices, it keeps your desk tidy by eliminating the need for extra power strips



### 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 standardized charging technologies



### Best Work-at-Home Partner

Energize your work-at-home essentials by charging smart and portable accessories safely and efficiently – all at the same time

# Technical Specifications

General	
Power Input	100-240 V AC (MIN: 100 V, MAX: 264 V) Rated frequency: 50/60Hz Rated Input Current: Max 3.5A@110-240 V input & Full load
Output Interfaces	<div><ul style="list-style-type: none"><li>When only one charging port is used<ul style="list-style-type: none"><li>USB Type-C1<ul style="list-style-type: none"><li>- Output: 5.0V@3.0A, 9.0V@3.0A, 12.0V@3.0A, 15.0V@3.0V, 20.0V@5.0A, 28.0V@5.0A   MAX 140W</li><li>- Output protocol: Power Delivery 3.1 (PD 3.1) and Quick Charge 4.0 (QC 4.0)</li></ul></li><li>USB Type-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 3.1 (PD 3.1) 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@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-C4<ul style="list-style-type: none"><li>- Output: 5.0V@3.0A, 9.0V@3.0A, 12.0V@2.5V   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@2.0A, 12.0V@1.5A, 10.0V@2.25A   MAX 22.5W</li><li>- 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): 140.0W &amp; 100.0W</li><li>USB Type-C1 &amp; C4: 140.0W &amp; 30.0W</li><li>USB Type-C1 &amp; USB Type-A: 140.0W &amp; 22.5W</li><li>USB Type-C2 &amp; C3: 100.0W &amp; 100.0W</li><li>USB Type-(C2 or C3) &amp; C4: 100.0W &amp; 30.0W</li><li>USB Type-(C2 or C3) &amp; USB Type-A: 100.0W &amp; 22.5W</li><li>USB Type-C4 &amp; USB TYPE-A: Total 15.0W</li><li>USB Type-C1 &amp; C2 &amp; (C3 or C4): 140.0W &amp; 70.0W &amp; 30.0W</li><li>USB Type-C1 &amp; C2 &amp; USB TYPE-A: 140.0W &amp; 70.0W &amp; 22.5W</li><li>USB Type-C1 &amp; C3 &amp; USB TYPE-A: 140.0W &amp; 70.0W &amp; 22.5W</li><li>USB Type-C1 &amp; C3 &amp; C4: 140.0W &amp; 70.0W &amp; 30.0W</li><li>USB Type-C1 &amp; (C4 &amp; USB TYPE-A):140.0W &amp; (Total 15.0W)</li><li>USB Type-C2 &amp; C3 &amp; Type-C4: 100.0W &amp; 70.0W &amp; 30.0W</li><li>USB Type-C2 &amp; C3 &amp; USB TYPE-A: 100.0W &amp; 70.0W &amp; 22.5W</li><li>USB Type-C3 &amp; (C4 &amp; USB TYPE-A):100.0W &amp; (Total 15.0W)</li><li>USB Type-C1 &amp; C2 &amp; C3 &amp; C4: 100.0W &amp; 70.0W &amp; 30.0W &amp; 30.0W</li><li>USB Type-C1 &amp; C2 &amp; C3 &amp; USB TYPE-A: 100.0W &amp; 70.0W &amp; 30.0W &amp; 22.5W</li><li>USB Type-C1 &amp; C2 &amp; (C4 &amp; USB TYPE-A): 100.0W &amp; 70.0W &amp; (Total 15.0W)</li><li>USB Type-C2 &amp; C3 &amp; (C4 &amp; USB TYPE-A): 100.0W &amp; 70.0W &amp; (Total 15.0W)</li><li>USB Type-C1 &amp; C2 &amp; C3 &amp; (C4 &amp; USB TYPE-A): 70.0W &amp; 70.0W &amp; 30.0W &amp; (Total 15.0W)</li></ul></li></ul><div>Maximum Total Output: 240W</div></div>
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	120 x 77 x 33 mm (4.72 x 3.03 x 1.3 in)
Power Input	MAX 3.5A@100-240 V
Weight	634 g (22.36 oz)
Operating Temperature	0 to 25 °C (32 to 77 °F)
Storage Temperature	-20 to 80 °C (-4 to 176 °F)
Operating Humidity	10% to 100% non-condensing
Storage Humidity	30% to 100% non-condensing
Certifications	CE, FCC
Package Contents	
DCF-241	240W GaN Charger Quick Installation Guide Warranty Card

