

240W GaN Charger

DCF-241

Key Features

- Empower your at-home workforce with a reliable and efficient charger to keep your devices charged all the time
- The charger'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 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
- 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 standardised charging technologies



Best Work-at-Home Partner

Energise 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	- When only one charging port is used - USB Type-C1 - 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 - Output protocol: Power Delivery 3.1 (PD 3.1) and Quick Charge 4.0 (QC 4.0) - USB Type-C2 - Output: 5.0V@3.0A, 9.0V@3.0A, 12.0V@3.0A, 15.0V@3.0A, 20.0V@5.0A MAX 100W - Output protocol: Power Delivery 3.1 (PD 3.1) and Quick Charge 4.0 (QC 4.0) - USB Type-C3 - Output: 5.0V@3.0A, 9.0V@3.0A, 12.0V@3.0A, 15.0V@3.0A, 20.0V@5.0A MAX 100W - Output protocol: Power Delivery 3.0 (PD 3.0) and Quick Charge 4.0 (QC 4.0) - USB Type-C4 - Output: 5.0V@3.0A, 9.0V@3.0A, 12.0V@2.5V MAX 30W - Output protocol: Power Delivery 3.0 (PD 3.0) and Quick Charge 4.0 (QC 4.0) - USB Type-A - Output: 5.0V@3.0A, 9.0V@2.0A, 12.0V@1.5A, 10.0V@2.25A MAX 22.5W - Quick Charge 3.0 (QC 3.0) - When more than one charging port is used - USB Type-C1 & (C2 or C3): 140.0W & 100.0W - USB Type-C1 & C4: 140.0W & 30.0W - USB Type-C1 & USB Type-A: 140.0W & 22.5W - USB Type-C2 & C3: 100.0W & 100.0W - USB Type-(C2 or C3) & C4: 100.0W & 30.0W - USB Type-(C2 or C3) & USB Type-A: 100.0W & 22.5W - USB Type-C4 & USB TYPE-A: Total 15.0W - USB Type-C1 & C2 & (C3 or C4): 140.0W & 70.0W & 30.0W - USB Type-C1 & C2 & USB TYPE-A: 140.0W & 70.0W & 22.5W - USB Type-C1 & C3 & USB TYPE-A: 140.0W & 70.0W & 22.5W - USB Type-C1 & C3 & C4: 140.0W & 70.0W & 30.0W - USB Type-C1 & (C4 & USB TYPE-A):140.0W & (Total 15.0W) - USB Type-C2 & C3 & Type-C4: 100.0W & 70.0W & 30.0W - USB Type-C2 & C3 & USB TYPE-A: 100.0W & 70.0W & 22.5W - USB Type-C3 & (C4 & USB TYPE-A):100.0W & (Total 15.0W) - USB Type-C1 & C2 & C3 & C4: 100.0W & 70.0W & 30.0W & 30.0W - USB Type-C1 & C2 & C3 & USB TYPE-A: 100.0W & 70.0W & 30.0W & 22.5W - USB Type-C1 & C2 & (C4 & USB TYPE-A): 100.0W & 70.0W & (Total 15.0W) - USB Type-C2 & C3 & (C4 & USB TYPE-A): 100.0W & 70.0W & (Total 15.0W) - USB Type-C1 & C2 & C3 & (C4 & USB TYPE-A): 70.0W & 70.0W & 30.0W & (Total 15.0W) Maximum Total Output: 240W
Protection	- Overcurrent protection - Overvoltage protection - Overcharge protection - Overtemperature protection - Short circuit protection
Physical	
Dimensions	120 x 77 x 33 mm
Power Input	MAX 3.5A@100-240 V
Weight	634 g
Operating Temperature	0 to 25 °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	
DCF-241	240W GaN Charger Quick Installation Guide Warranty Card

