HomeSphere Labory Test

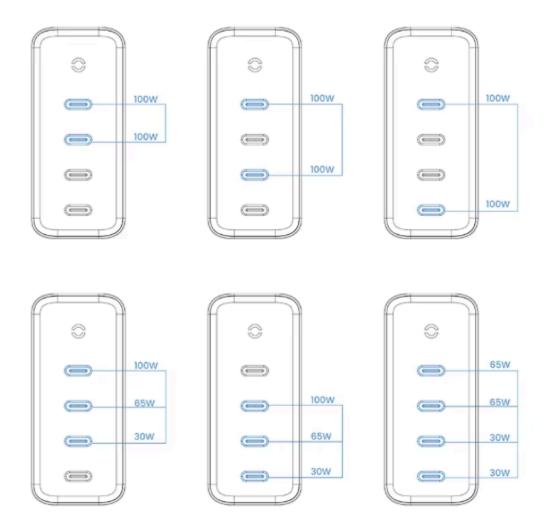


200W GaN Fast Charger – High-Speed Multi-Device Charging

Product	200W GaN Fast Charger – High-Speed Multi-Device Charging
Model	EZ000017
Technology	GaN (Gallium Nitride)
Ports	4 × USB-C
Power Output (Total)	200W
Power Output (Per Port)	Up to 100W (PD 3.0)
Input Voltage	200-240V AC, 50Hz
200-240V AC, 50Hz	C8 Inlet



Configuration of Ports					
Single Device Charging	100W	×	×	×	
Dual Device Charging	100W	100W	×	×	
Triple Device Charging	100W	65W	30W	×	
Four Device Charging	65W	65W	30W	30W	



Ripple & Noise Measurement

Port	Measured Ripple (mV)	Acceptable Limit (mV)	Status (Pass/Fail)
USB-C 1	170	≤ 250	Pass
USB-C 2	180	≤ 250	Pass
USB-C 3	120	≤ 250	Pass
USB-C 4	150	≤ 250	Pass

Thermal Performance

Test Condition	Max Temperature (°C)	Acceptable Limit (°C)	Status (Pass/Fail)
100W Single Port	31.8	50	Pass
200W Total Load	38.2	50	Pass

Device Type	Compatible?
Laptops (MacBook, Dell XPS, Lenovo ThinkPad, etc.)	✓
Smartphones (iPhone, Samsung, OnePlus, etc.)	✓
Tablets (iPad Pro, Samsung Tab S series)	✓
Gaming Consoles (Nintendo Switch, Steam Deck)	✓
Smartwatches (Apple Watch, Samsung Galaxy Watch)	✓
Wireless Earbuds (AirPods Pro, Galaxy Buds)	✓
Portable Power Banks	✓
Wireless Chargers (Qi Pads)	✓

Product Testing Certification

We are pleased to confirm that this product has been rigorously tested for quality, performance, and reliability. The comprehensive testing process was carried out by **HomeSphere Engineering Team**, a highly experienced team specializing in advanced product evaluation and certification. **HomeSphere Engineering Team** conducted all tests in compliance with industry-leading standards, employing state-of-the-art methodologies and equipment to ensure the product meets and exceeds user expectations. Our thorough approach guarantees optimal functionality, durability, and adherence to technical specifications. This certification reflects our unwavering commitment to delivering high-quality, dependable products.

For any inquiries or further information about the testing process, please do not hesitate to contact the **HomeSphere Engineering Team** at **Info@homesphere.ch**

