



The GaN Charger Sourcing Guide

A practical buyer's guide for brands,
importers & distributors

INTRODUCTION

Source smarter, launch faster

Sourcing GaN chargers from China is the fastest, most cost-effective way to build a fast-charging product line. But the difference between a smooth launch and an expensive mistake comes down to how you choose and work with your manufacturer. This short guide distills what matters most — from picking a real factory to certifications, MOQ, lead times and private-label — so you can source with confidence.

WHO THIS IS FOR

Brands, importers, distributors and online sellers who want to source or private-label GaN fast chargers — whether it's your first order or your fiftieth.

CHAPTER 1

How to source GaN chargers from China

Define your specification first

The clearest inquiries get the fastest, most accurate quotes. Before contacting suppliers, decide your wattage range (30W–140W), port layout, plug standards (US/UK/EU/CN/AU), target certifications and packaging.

Choose a real factory, not a trading company

A genuine manufacturer gives you better pricing, direct engineering support and control over quality. Three questions separate the two:

- Do you develop your own GaN chips, or buy them?
- Do you have in-house R&D and your own production line?
- Can I see the factory, on video or in person?

Verify, sample, then scale

Confirm certifications match your exact model, order samples (7–10 days) and test real charging speed, heat and build quality before committing to mass production.

CHAPTER 2

OEM vs ODM — which is right for you

OEM puts your brand on a proven, already-certified charger — low risk, fast to launch. **ODM** designs new hardware unique to you, with its own mould and fresh certification. Many buyers start OEM to enter the market, then move a best-seller to ODM once volume proves out.

	OEM	ODM
What it is	Your brand on an existing model	A new charger designed for you
Customization	Colour, plug, logo, packaging	Custom mould, enclosure, ports
MOQ	500 units / model	5,000 units
Speed	Fast — samples 7–10 days	Slower — tooling + certification
Best for	Testing a market, fast launch	A flagship, unique positioning

RULE OF THUMB

Unsure? Launch OEM first to prove demand at low risk, then invest in an ODM design for your best-seller.

CHAPTER 3

MOQ, sampling & lead times

Knowing the numbers up front lets you plan inventory, marketing and cash flow. Here is a realistic end-to-end timeline for a standard OEM order:

- **Quote** — within 24 hours of a clear inquiry
- **Samples** — 7–10 days for OEM models
- **Mass production** — 15–30 days after sample approval
- **Shipping** — sea freight (cheaper, slower) or air (faster, costlier)

For a straightforward OEM order, first inquiry to goods-in-hand in roughly 5–7 weeks is typical. Move faster by sending a complete spec, approving samples quickly, and choosing an existing model over a custom mould.

PLAN AHEAD

Line up your marketing and product listings to go live when stock arrives — build the 5–7 week window into your launch calendar.

CHAPTER 4

Certifications you need, by market

Chargers must be certified for the market they sell in — and marketplaces like Amazon will ask for the paperwork. Always confirm certificates cover your **exact** model.

Market	Certifications
Europe / UK	CE, UKCA, RoHS
United States	FCC, and UL or ETL (safety)
China	CCC
International	CB scheme

Rongjun chargers are certified with CCC, CB, CE, FCC, UL, ETL and RoHS, with 100% aging and hi-pot testing on every unit.

CHAPTER 5

Why self-developed GaN chips matter

Most suppliers look identical on paper. One difference tells you more than any spec sheet: whether the manufacturer develops its own GaN chips, or simply buys them. The chip determines the charger's efficiency, heat, reliability and cost — if a factory doesn't control it, it doesn't control the product.

What self-developed chips give you

- **Better reliability** — performance and safety tuned at the source
- **Stable supply** — fewer surprises when the component market tightens
- **Competitive cost** — no chip middleman markup
- **Real customization** — electronics genuinely adaptable for ODM

ASK YOUR SUPPLIER

“Do you develop your own GaN chips, or buy them?” A true manufacturer answers confidently; a reseller deflects.

CHAPTER 6

Private-label launch checklist

Private-label chargers are high-margin and fast to launch — you sell a proven, certified product under your own brand. Work through this checklist:

- Pick a focused range (e.g. a 65W volume model + a 100W/140W premium)
- Design brand elements: colour, finish, logo, plug standard, packaging
- Confirm certifications for every marketplace you'll sell on
- Order branded samples and test quality before scaling
- Start at low MOQ (500 units) to enter without heavy inventory
- Choose a manufacturer with its own chips + 100% testing (fewer returns)

COMMON MISTAKE

Skipping the sample to save a week — and shipping a container of problems. Always approve a physical sample first.

READY TO SOURCE?

Let's build your charger line

Rongjun is a GaN fast-charger manufacturer since 2009, with self-developed GaN chips, in-house R&D and a full 30W–140W range — fully certified and shipped worldwide. We quote within 24 hours and send samples in 7–10 days.

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