SNRG
BLUE HORIZON

CUSTOM PLASTIC HOUSING DEVELOPMENT

Engineering the housing. Enabling your product.

Capability profile

A dedicated ODM division of SNRG, alongside Gold Coast Electricals.



AI-generated representative manufacturing environment.

A focused partner for your enclosure.

Blue Horizon brings enclosure requirements, mechanical development, tooling and production planning into one conversation for brands, OEMs and product teams.

APPLICATIONS

EV charging housings | Electronic product housings | Other custom plastic enclosures subject to review

CAPABILITIES

From the first brief to repeat supply.

Start at your current development stage. Scope, deliverables and approval checkpoints are agreed for the individual project.

01 **Enclosure design**

Internal layout, product form, mounting, interfaces and assembly considerations.

02 **Design for manufacturing**

Wall sections, draft, ribs, bosses, parting lines and functional tolerance priorities.

03 **Prototyping & fit review**

Physical samples to review fit, handling, installation and assembly questions.

04 **Tooling development**

Mould scope, sampling, correction milestones and tool ownership arrangements.

05 **Plastic injection moulding**

Production planning against an agreed material, approved sample and specification.

06 **Finishing & supply**

Branding, secondary operations, inspection, packing and dispatch requirements.

Scope boundary

Housing and agreed mechanical components. Electronics, firmware and complete product functionality remain with your team.

QUALITY & PROJECT PREPARATION

Clear inputs.
Clear approval criteria.

Agree critical dimensions, material requirements, sample references and acceptance criteria early. Validation of the complete product is planned around the application and the relevant requirements.

Define the requirement

Application, component envelope, installation environment, target market and required performance.

Review design and materials

CAD revision, functional fits, material grade, colour, texture and assembly approach.

Review samples and approve

Prototype objectives, sample checks, proposed changes and the agreed production reference.

What to include in your first enquiry

Application and development stage; drawings or approximate dimensions; component interfaces; material and finish preferences; initial and annual quantities; target timeline; and any required validation.

Agree confidentiality or an NDA before sharing sensitive drawings. Use the website enquiry form to start the discussion; attachments can be sent by email.

Next steps

1. Share your brief. 2. Review inputs and scope with the team.
3. Agree deliverables, commercial terms and development milestones.

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Materials, quantities, tooling costs, schedules and testing responsibilities are confirmed after review. This profile does not claim product certification or an accredited in-house test laboratory.