Type-C USB Input High Current 3A Polymer Ternary Lithium Battery Quick Fast Charging Board IP2312 CC/CV Mode 5V To 4.2V

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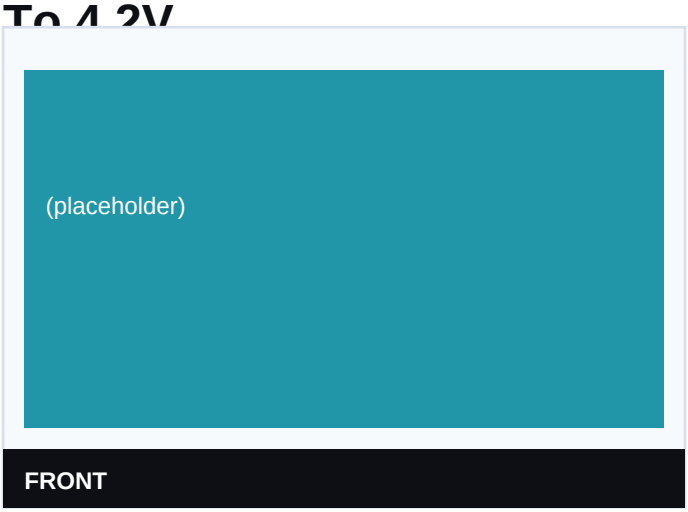

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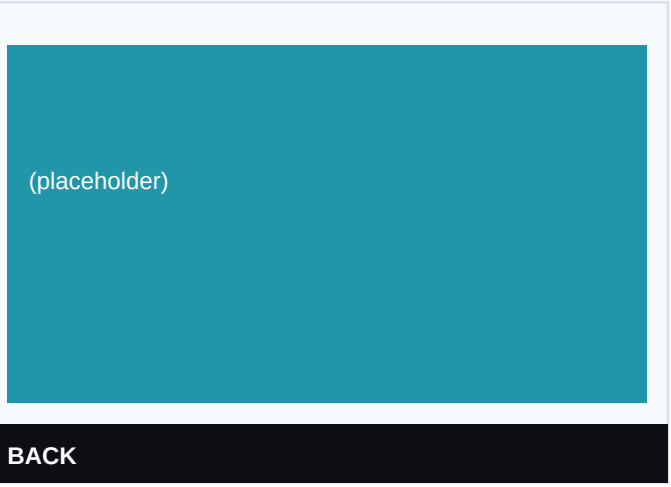

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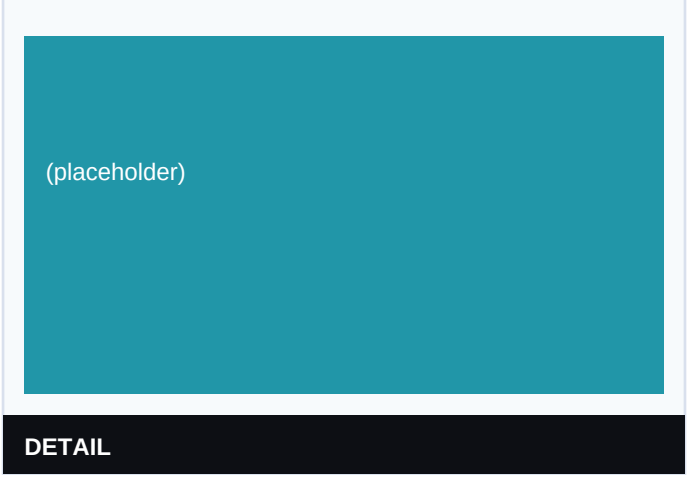

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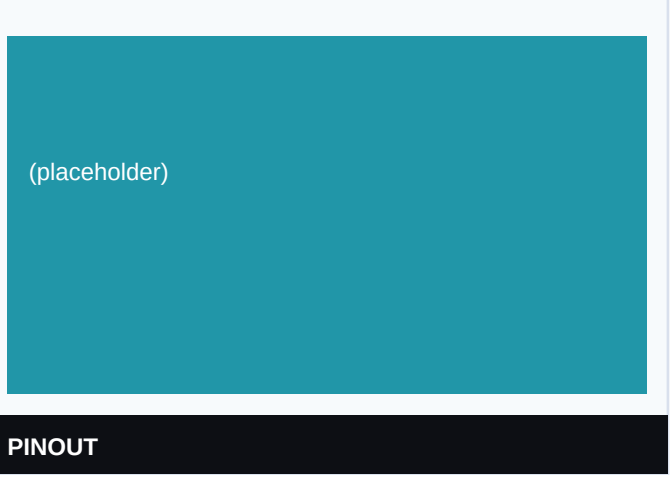

PINOUT

TECHNICAL SPECIFICATIONS & SUMMARY

[Lithium Battery Protection Board] Power your projects with the Type-C USB Input 3A Lithium Battery Fast Charging Board (IP2312) - a compact, high-efficiency charging solution designed for 3.7V lithium-ion and lithium polymer batteries. Built around the advanced IP2312 main control chip, this module delivers fast, stable, and intelligent charging using a full CC/CV (Constant Current / Constant Voltage) charging algorithm. It ensures optimal battery health, safety, and performance while supporting high current charging up to 3A, making it ideal for modern DIY electronics and portable power applications. The Type-C input interface provides universal compatibility with standard 5V USB power sources, while onboard indicator LEDs clearly display charging status. Note: Not suitable for 3.2V LiFePO4 (Lithium Iron Phosphate) batteries Key Features High Current Fast Charging (Up to 3A)Supports rapid charging for lithium-ion/polymer batteries, reducing charging time significantly. Advanced CC/CV Charging TechnologyEnsures safe and efficient charging with automatic switching between

UNIT PRICE (EX. GST)
Rs. 65

WITH 18% GST
Rs. 77

In stock: 10 units - HSN: 85423100

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