

Table 1: Estimated budget

S/N	Budget Item	Unit cost	Qty	Estimated Cost (₦)
1	Component procurement (solar modules, batteries, modems, converters, casing)	365,500	510	186,405,000
2	Pilot production setup and tooling			10,000,000
3	Product testing, safety and certifications			5,000,000
4	Engagement with stakeholders			15,000,000
5	Packaging, branding and intellectual property registration			15,300,000
6	Field deployment to 10 African universities for further performance validation			5,000,000
7	Research team training, logistics, data collection and analysis			15,000,000
8	Marketing, outreach, commercialization and documentation			20,000,000
9	Contingency (10%)			27,170,500
	Total Estimated Budget			298,875,500