



# TIS-U-SOL Solar Solutions: Smart Plastic Container Discounts

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### Why Plastic Containers Dominate Solar Storage

You know, when we first proposed using polypropylene containers for TIS-U-SOL battery systems in 2022, even our engineers raised eyebrows. "Plastic? For industrial-grade storage?" Well, fast forward to Q2 2024 - 78% of our commercial clients now opt for these lightweight solutions over traditional steel enclosures. The secret lies in three game-changers:

#### The Weight Revolution

Compare a standard 200Ah lithium battery unit:

- Steel casing: 18.7 kg
- High-grade plastic: 5.2 kg

That's 73% weight reduction - crucial for rooftop solar installations where every kilogram affects structural load calculations. Last month, a California school district cut installation costs by \$14,000 per building simply by switching container types.

#### Corrosion? What Corrosion

Coastal projects used to replace metal enclosures every 3-4 years. Our UV-stabilized polyethylene containers? They're clocking 8+ years in Florida's salt-spray zones with zero degradation. How's that for ROI?

### 2024 Discount Breakdown: What You'll Save

Through September 30th, we're offering tiered discounts that actually make sense:

- Order Size
- Price Per Unit



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## Old Rate

1-10 containers

\$217

\$240

11-50 containers

\$199

\$225

Wait, no - that's not the full picture. Actually, bulk buyers get free SmartFlow monitoring systems (valued at \$1,299) with 50+ unit orders. A Texas solar farm saved \$23,400 last quarter using this exact deal.

## Real-World Success Stories

Let's picture this: A Michigan manufacturer slashed their energy bills by 41% after installing 34 TIS-U-SOL units in custom PVC-free containers. The kicker? Their payback period shrank from 5 years to 2.8 years thanks to our current promotion.

## Urban Rooftop Case Study

- o System size: 120kWh
- o Plastic vs. metal weight difference: 893 kg
- o Structural reinforcement savings: \$8,200
- o City permit fast-tracking: 11 days vs. 27 days

## Installation Made Simpler

Our new click-lock design reduced assembly time by 60% - most DIY users complete setups in under 90 minutes. Pro tip: Always check the integrated cable ports before mounting. A simple 2-minute inspection could prevent 83% of common installation errors reported last quarter.

Looking ahead, the EPA's June 2024 guidelines on recyclable energy storage components strongly favor our approach. Early adopters aren't just saving money - they're future-proofing against regulatory changes. Now, isn't that smarter than clinging to outdated metal boxes?

Web: <https://solarsolutions4everyone.co.za>



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