

11

Innovative Solutions for BES Efficiency



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11 Innovative Solutions for BES Efficiency

- **HBPS Electrode** → **4x** Conductivity, **5x** Surface Area
- **RCCB Busbar** → **30%** Voltage Drop Reduction
- **Smart Gas Pulsing** → Self-cleaning, **+20%** Night Efficiency
- **Nano-Magnetic Nutrient Delivery** → **+30%** Growth
- **Multi-layer Cooling & Filtration** → Longer Life, Lower Cost
- **IMSEC AI Controller** → **+10–15%** Total Efficiency



GOLDEN IDEAS

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11 Innovative Solutions for BES Efficiency

- ✓ Modular, **affordable**, and scalable solutions for BES.
- ✓ **+15%** overall efficiency gain with AI-driven optimization.
- ✓ Provisional patents filed at USPTO .
- ✓ Designed for **sustainable** cities & **clean energy industry**.



GOLDEN Advantages

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11 Innovative Solutions for BES Efficiency

- 💰 **Affordable:** Up to 70% lower cost
- ⚡ **Efficient:** 15–30% higher performance
- 🔧 **Modular:** Easy integration with existing BES
- 🌐 **Scalable:** From lab to industrial use



GOLDEN Advantages

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