

Bona Fide Power Factor Correction

Team 2

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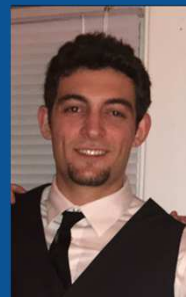
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- **Purpose of Product** – Allows consumer to avoid Power Factor (PF) penalties by correcting poor power factor.
- **Feature 1** - Corrects measured feeder PF
- **Feature 2** - Displays PF to user
- **Feature 3** - Easy installation and setup for user
- **Market:** To be sold in the USA only!

Key Requirements

- **Cost**
 - Sales Price: \$3,000
 - Component Cost: \$800
 - Assembly & Test Costs: \$1,540
- **Environment**
 - Indoor.
 - Operating Temp Range: (-20°C to 40°C)
 - Operating Humidity Range: (0% to 100% non condensing)
- **Power Input(s)**
 - Commercial AC Power: 408 – 528 VAC @ 600 Amps Max
 - Building AC power: 120VAC @15 Amps Max
- **Major Functions, Quantities Measured, Displayed**
 - *Quantity Examples: Power Factor*
 - Corrects to 0.95 +/- 5%

