

Filter Harmonic Distortion

Power saving Improvement factors

Minimize electronic wasting

Diminish impedance

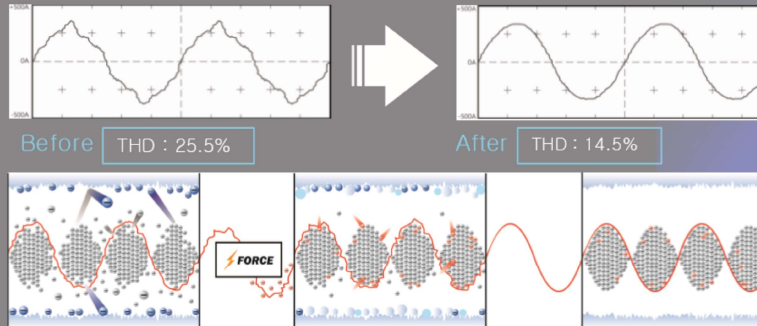
Harmonic distortion filter

Improvement of non electron current

Improvement Principle

◆ **Minimize the electron loss by controlling the harmonic distortion and high frequency.**

Even though it is difficult to take accurate measure the derived loss which caused from the harmonic distortion through 3,5,7,9 low rank at the electricity line and due to various scenario possibility of the loss, the power improvement system diminish the harmonic distortion by applying EMF7 so can have the 20~30% diminishing rate. The improvement at harmonic distortion saves 1-5% of valid electron and reduces noise, heat and vibration.



Transformer

1. iron losses and original resistance
2. Noise and hearing at transformer
3. Decrease the capacity of transformer

Motor and generator

1. Overheating of devices
2. Decreasing efficiency
3. Torque decreasing and pulse occurrence
4. Reducing life of device

Electronic condenser

1. Electronically resonance at electronic power system
2. Damage the insulation due to overheating
3. Decrease the life of condenser

Power Cable

1. Overheating of cable
2. Corona occurring
3. Reducing capacity of cable
4. Distortion of temperance

