Usha GROUP

An ISO: 9001 & 14001 Company

USHA ELECTRIC
Energy Management Solutions

"The Integral Solution For your Power Factor"

AHF / HYBRID HARMONIC FILTERS

Our Active phase series is an advanced modular Active Harmonic Filter (AHF) system. The AHF system is constructed of one or several filter modules with the system controller.

Filter modules and controller, both are embedded in our standard cabinets. CT terminations are fixed in a standard cabinet, and the AHF capacity can be configured accordingly to user requirement.

The filter capacity can be easily expanded at the user's site by adding extra filter modules as per site requirement



RELIABILITY

- **IGBT paralleling technology**
- **Intelligent air cooling technology**
- **High quality components of international brands**
- **Advanced production technology**

ADAPTABILITY

- **Compatible with diesel generators**
- **Wider range of input voltage, frequency and faster response time**
- **Low thermal loss**
- **Compensates a wide range of harmonics from 2nd order to 51st order harmonics**

FLEXIBILITY

- **Designers have more choices with flexible configuration**
- **Capability to expand vertically as well as horizontally**
- **Higher operating temperature up to 50C**