

EEI AHF

ACTIVE HARMONIC FILTER

The EEI Active Filter is an innovative equipment for the compensation of current harmonics generated by distorting loads.

It is a good alternative to the use of passive filters since it avoids the well-known drawbacks of these ones: uncontrolled resonances, e.g. caused by variations of parasitic parameters of the line, overloads caused by harmonic currents produced by near users, detuning caused by drift of the features of the employed components, slow response to load variations.

Moreover, the Active Filter achieves a better current harmonic compensation in sight of future restrictions imposed by the rules.

MAIN FEATURES:

- Innovative control algorithm
- Very fast response
- Multi-level topology, low losses
- User friendly interface – high resolution 4.3" display
- Automatic Fan regulation
- Stack mounted for bigger capacity of compensation

OTHER FEATURES:

- Tunable Harmonics amplitude compensation
- THD under 3% according main standards
- Up to 14 harmonics simultaneously
- Overheating protection
- DC short circuit protection
- Overcurrent protection
- Internal components easy to replace
- Direct access to the Fuses
- Standard Rack sizes (19")



MODULAR

Suitable for stack mounting for bigger capacity of compensation



ADVANCED

Innovative control algorithm and flexible software configuration



MULTI-FUNCTIONS

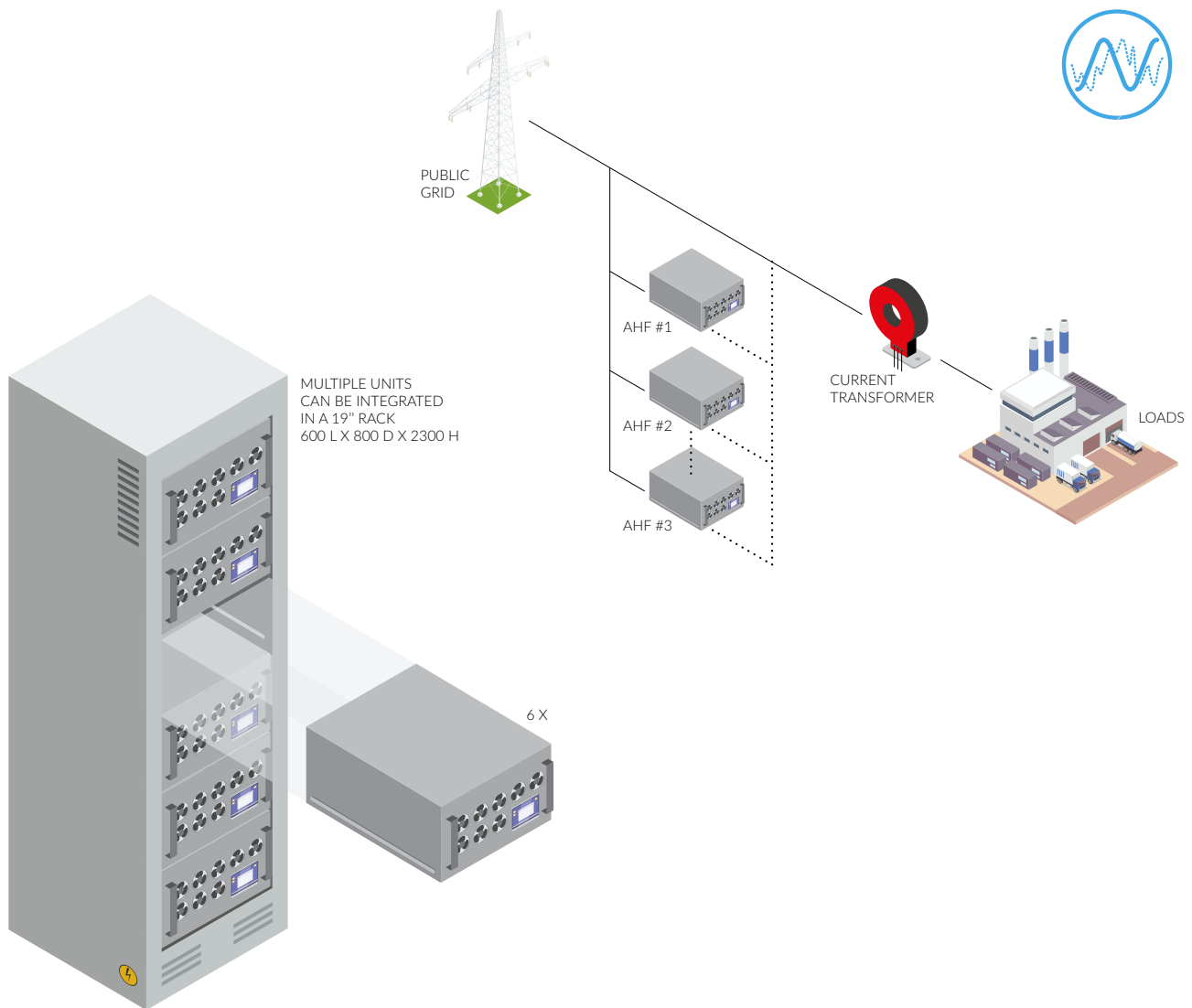
Available wide set-up functionalities



RELIABLE & EFFICIENT

Equipped with latest power technology and compact design and energy saving





MODEL	AHF100	AHF150
Power Rate	100 A	150 A
Rated AC input voltage	400V (+- 10%) 3Ph+N (-10%) 400V... 480 V (+10%) 3 Ph	400V (+- 10%) 3Ph+N (-10%) 400V... 480 V (+10%) 3 Ph
Frequency	50 Hz	50 Hz
Temperature storage	-20 °C to +50 °C	-20 °C to +50 °C
Temperature operating	-10 °C to +40 °C	-10 °C to +40 °C
Altitude storage	≤ 10000 m	≤ 10000 m
Altitude operating	≤ 1000 m	≤ 1000 m
Operating relative humidity	Max. 90% @ 20 °C non-condensing	Max. 90% @ 20 °C non-condensing
Protection class	IP20	IP20
Colour	RAL 7035 (light grey)	RAL 7035 (light grey)
Ventilation	~1600 m3/h	~1600 m3/h
Dimensions HxWxD	265,9x483x653 mm	265,9x483x653 mm
Weight	51,5 kg	55,5 kg