



BAOTAN Co., LTD

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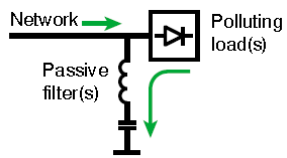
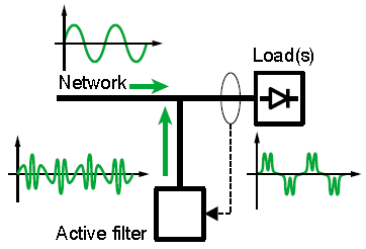
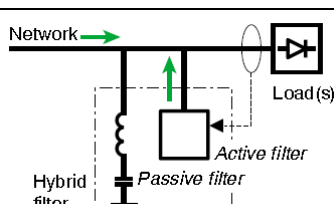
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SUMMARY OF FILTER

Filter	Principle	Characteristics
Passive	<p>By-pass series LC circuit tuned to each harmonic frequency to be eliminated.</p> 	<ul style="list-style-type: none"> • No limits in harmonic current. • Compensation of reactive power. • Elimination of one or more harmonic orders (generally 5, 7, 11). One filter for one or two orders to be compensated. • Risk of amplification of harmonics in the event of network modification. • Risk of overload caused by external pollution. • "Network" filter (global). • Case by case engineering study.
Active	<p>Generation of current cancelling out all harmonics created by the load.</p> 	<ul style="list-style-type: none"> • Solution particularly suited to "machine" filtering (local). • Filtering on a wide frequency band (elimination of harmonic orders 2 to 25). • Self-adapting: <ul style="list-style-type: none"> ○ Network modification has no effect, ○ Adapts to all variations in load and harmonic spectrum, ○ Open-ended, flexible solution for each type of load. • Simple engineering study.
Hybrid		<p>Offers the advantages of passive and active filtering solutions and covers a wide range of power and performance:</p> <ul style="list-style-type: none"> • Filtering on a wide frequency band (elimination of harmonics numbered 2 to 25), • Compensation of reactive power, large capacity for current filtering, • Good technical-economic solution for "network" filtering.