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MARS SOLAR AQUA 360™

Manufacture | Integration | Solutions | Service

ACTIVE HARMONIC FILTER

Certain equipment such as drives, inverters, UPS, arc furnaces, transformers, filters and discharge lamps generate harmonics. The harmonics strain the network. Voltage distortion overload cables, cause failures of relays and circuit breakers and disturb many types of equipment such as computers, telephones etc.. Implemented by experienced specialists, the harmonic filtering solutions eliminate most of the power quality problems.

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ACTIVE HARMONIC FILTER

SALIENT FEATURES

- Internal CAN communication
- Employ high speed IGBT in power circuit
- Closed loop active filter with source current sensing
- High attenuation
- Programmable selective harmonic elimination
- PF compensation, loading as well as lagging
- Helps in achieving the compliance with power quality regulation like IEEE 519
- IEC / EN 62040 – 2 category C3

SPECIFICATIONS

- RATING(A), 30, 60, 75, 100, 150, 200, 225, 300, 400, 600
- Utility connection method - 3 phase , 4 wire
- Filter power loss - Up to 3% of equipment rating
- Cooling - Forced air cooling
- Harmonic range - 2 to 50 order
- Operating temperature - 0 to 40°C
- Storage temperature - 0 to 70°C

APPLICATIONS

VILLAS

INSTITUTIONS

COMMERCIAL BUILDINGS

HOTELS/RESORTS

HOSPITALS

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MARS SOLAR AQUA 360 PVT LTD
68 - 70, KCR Business Today, F3-01, 3rd Floor, 7th Street,
Tatabad, Coimbatore, Tamilnadu - 641 012, Tel: 0422 2495360,
Mobile: 94870 36000, 94860 36000, 94890 36000
E-Mail : info@marssolaraqua360.com

RO PLANT | SOLAR WATER HEATERS | STP | ETP | WTP | SOLAR ON GRID | SOLAR OFF GRID
SOLAR PUPMING | PUPMS | HYDRO PNEUMATIC SYSTEM | UPS | STABILIZER | HARMONIC FILTER